Welcome, Alisha S Pettit

| Procurement | Budgeting | Accounts Receivable | Accounts Payable |

**Solicitation Response(SR)** | Dept: 0802 | ID: ESR04022400000005726 | Ver.: 1 | Function: New | Phase: Final | [▼] | Modified by batch , 04/02/2024

**Header** 📎 1

[List View]

**General Information** | Contact | Default Values | Discount | Document Information | Clarification Request

Procurement Folder: 1381091

Procurement Type: Central Master Agreement

Vendor ID: VS0000028707 [↑]

Legal Name: CLOVITY INC.

Alias/DBA: Clovity

Total Bid: $1,580,000.00

Response Date: 04/02/2024 [📅]

Response Time: 13:29

Responded By User ID: ClovitySales [↑]

First Name: Cameron

Last Name: Starman

Email: sales@clovity.com

Phone: 925-264-6360

SO Doc Code: CRFQ

SO Dept: 0802

SO Doc ID: DMV2400000003

Published Date: 3/26/24

Close Date: 4/2/24

Close Time: 13:30

Status: Closed

Solicitation Description: Mainframe Application Programmer Technical Staffing Services

Total of Header Attachments: 1

Total of All Attachments: 1

| **Proc Folder:** | 1381091 |
| --- | --- |
| **Solicitation Description:** | Mainframe Application Programmer Technical Staffing Services |
| **Proc Type:** | Central Master Agreement |

| Solicitation Closes | Solicitation Response | Version |
| --- | --- | --- |
| 2024-04-02 13:30 | SR 0802 ESR04022400000005726 | 1 |

| **VENDOR** |
| --- |
| VS0000028707<br>CLOVITY INC. |

| **Solicitation Number:** | CRFQ 0802 DMV2400000003 | | | | |
| --- | --- | --- | --- | --- | --- |
| **Total Bid:** | 1580000 | **Response Date:** | 2024-04-02 | **Response Time:** | 13:29:58 |
| **Comments:** | | | | | |

**FOR INFORMATION CONTACT THE BUYER**
David H Pauline
304-558-0067
david.h.pauline@wv.gov

**Vendor**
**Signature X**            **FEIN#**            **DATE**

**All offers subject to all terms and conditions contained in this solicitation**

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Ln Total Or Contract Amount |
|------|--------------|-----|------------|------------|------------------------------|
| 1 | Mainframe Application Programmer Technical Staffing Services | 0.00000 | | | 1580000.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|--------------|---------------|---------|
| 81111600 | | | |

**Commodity Line Comments:** Mainframe Application Programmer Analysts

**Extended Description:**

See Exhibit "A"
Mainframe Application Programmer Technical Staffing Services.  This will be an open-end services contract that will provide the services of mainframe application programmer analysts on an hourly rate basis to provide technical expertise to meet agency needs.  These services will be utilized to develop modifications and enhancements to the mainframe computer systems currently utilized by the DMV.

![Clovity logo](delivering cutting edge technology)

**Clovity Inc Response To** :

**CRFQ 0802 DMV2400000003**

**State of West Virginia,**
**Department of Administration**
**Purchasing Division/ WV Division of Motor Vehicles (DMV)**

**Submitted By:**
Clovity Inc

**Point of Contact:**
Name: Vikas Soman
Title: Senior Manager - Bid
Management
Email: procurement@clovity.com
Phone: 510-916-1697
Website: www.Clovity.com
Due date- 04/02/2024

11501 Dublin Blvd., Suite 200,
Dublin, California 94568

## Table of Contents

## Form: Vendor Information

| | Department of Administration<br>Purchasing Division<br>2019 Washington Street East<br>Post Office Box 50130<br>Charleston, WV 25305-0130 | State of West Virginia<br>Centralized Request for Quote |
|---|---|---|

| Proc Folder: | 1381091 | Reason for Modification: |
|---|---|---|
| **Doc Description:** | Mainframe Application Programmer Technical Staffing Services | Addendum No. 5 |
| **Proc Type:** | Central Master Agreement | |

| Date Issued | Solicitation Closes | Solicitation No | Version |
|---|---|---|---|
| 2024-03-26 | 2024-04-02    13:30 | CRFQ    0802    DMV2400000003 | 6 |

**BID RECEIVING LOCATION**

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON          WV      25305
US

**VENDOR**

**Vendor Customer Code:** VS0000028707

**Vendor Name :** Clovity Inc.

**Address :** 11501, Dublin Blvd., #200 Dublin California – 94568

**Street :** 11501, Dublin Blvd., #200

**City :** Dublin

**State :** California          **Country :** United States          **Zip :** 94568

**Principal Contact :** Vikas Soman

**Vendor Contact Phone:** 510-916-1697          **Extension:** 1044

**FOR INFORMATION CONTACT THE BUYER**
David H Pauline
304-558-0067
david.h.pauline@wv.gov

DocuSigned by:

*Vikas Soman*

A4DCB4610E494DF.

**Vendor**
**Signature X**          **FEIN#** 26-4043035          **DATE** 04/02/2024

**All offers subject to all terms and conditions contained in this solicitation**

## Form: Addendum Acknowledgement

**ADDENDUM ACKNOWLEDGEMENT FORM**
**SOLICITATION NO.: DMV2400000003**

**Instructions:**  Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form.  Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

**Acknowledgment:**  I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

**Addendum Numbers Received:**
(Check the box next to each addendum received)

| | | | |
|---|---|---|---|
| ☒ | Addendum No. 1 | ☐ | Addendum No. 6 |
| ☒ | Addendum No. 2 | ☐ | Addendum No. 7 |
| ☒ | Addendum No. 3 | ☐ | Addendum No. 8 |
| ☒ | Addendum No. 4 | ☐ | Addendum No. 9 |
| ☒ | Addendum No. 5 | ☐ | Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid.  I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding.  Only the information issued in writing and added to the specifications by an official addendum is binding.

**Clovity Inc.**
_____
Company

DocuSigned by:
*Vikas Soman*
A4DCB4610E494DF
_____
Authorized Signature

_____04/02/2024_____
Date

NOTE:  This addendum acknowledgement should be submitted with the bid to expedite document processing.

## Candidate's Resumes and References

| Kavitha Dayalan– Mainframe Application Programmer Analyst |
|---|

**Professional Summary**

16+ Years of experience as a Z/OS Mainframe Systems Programmer installing, configuration, RACF Security ,maintaining in a Z/OS environment

- Well Versed in Mainframe technologies like COBOL, CICS PLEX , SYS PLEX JCL, VSAM, SQL, DB2.
- Good hand-on experience in the mainframe tools like FILE-AID, XPEDITER, ENDEVOR.
- Have hand-on experience in handling the DB2 queries using QMF tool as well in the program.
- Worked in SFTP, FTP and NDM in transmitting the files in secured manner between same LPAR or different LPAR.
- Have good knowledge in the file mover in transmitting the files
- Strong knowledge in SPUFI, QMF, CA7-SCHEDULER.
- 24X7 Support to Operations, Security, Production Scheduling and Application Development groups.
- Worked in many user clients requests on demand.
- Experience of all aspects of the support life cycle - incident management, problem management, Configuration, Change Management, Knowledge management, Build and Release management.
- Experience in Customer1, Auto Finance application
- Experience in production support, migration & maintenance of existing applications and assuming ownership of problems and driving towards their resolution.
- Very Good in writing the stand-alone COBOL and CICS program.
- Maintain focus on high quality deliverables to meet Service Level Agreement (SLA) for various applications on the UAT and production environment.
- Worked in production support team and help in resolving the issue very fast and quickly
- Worked in both Water fall and Agile Methodology.
- Excellent communication in handling the client request.
- Knowledge on big data technologies like Pig, Hive, Sqoop, Oozie, HBase and map reduce.
- Worked for Fidelity investment project through JP Morgan chase
- Worked in FIS for sweep product and FTP File Transfer Z/OS

**Education**

- Master of Technology, VIT University, India.
- Bachelor of Computer science, Madras University, India.
- DB2 Certification 700 - DB2 UDB v8.1 Family Fundamentals.
- IBM web sphere associate developer web sphere certification studio v5.0.

**Technical Skills**

- COBOL, Z/OS, JCL, CICS PLEX, SYS PLEX, XML, FTP, SFTP, File Mover, MQ, Endevor, File Aid, XPEDITOR.
- DB2, SQL, VSAM.
- HDFS, Map reduce, Pig, Hive, Sqoop, Oozie, Zookeeper, HBase, MongoDB.
- Informatica and Cognos

- Windows XP, Windows 2000, Windows 7, Unix.

| Certifications |
| --- |
| • External certification - DB2 Family Fundamentals 700. |
| • External certification – NCFM (NSE's Certification in Financial Markets). |
| • External certification - IBM's Web Sphere |

| Professional Experience |
| --- |

**Wells Fargo   - Texas**                                                                **JUL 23 – Till Date**

| Client | Wellsfargo |
| --- | --- |
| Role | Senior Mainframe Developer |
| Technical Environment | CA7, SQL Developer, E-reports, CICS PLEX, COBOL, JCL, SYS PLEX DB2, QMF, SPUFI, ENDEVOR, FTP, Main View, VSAM, Mobius Z/OS |

Wells fargo is an multinational financial services company and it deals with customer information. Maintains the different customer information for custodial and investment services. It handles different services for their customers. It handles huge volume of customer information, maintenance and also involves in the investment of the those amount to get their dividend and interest.

**Roles and Responsibilities:**

- Work in the Mobius Version 8 to Version 10 upgrade
- Help  the Team to understand the Business requirements.
- In charge of day to day planning for 4 MVS Z/OS Systems Programmers.
- Working in production support and resolving the issue.
- Install and maintain IBM Z/OS operating system and 3rd party products for IBM clients
- Managing user administration (Removing, Granting group access or dataset access using CLIST, manual process through TSO RACF or through JCL/SAS)
- Guiding the team in technology aspect.
- Proficient in the Customer1 application
- Lead application development using COBOL, SQL, JCL, CA7
- Solution design for each user stories, updating any tech documentation as necessary using SNOW.

**JPMorgan chase   - Texas**                                                                **JUN 21 – JUN ' 23**

| Client | JPMorgan Chase |
| --- | --- |
| Role | AVP |
| Technical Environment | Control-M, SQL Developer, E-reports, CICS PLEX, VSAM, COBOL, JCL, DB2, SYS PLEX , QMF, SPUFI, ENDEVOR, FTP, Main View, Z/OS |

JPMorgan chase is a one of the largest bank in USA and it deals with customer information. Maintains the different customer information for custodial services. It handles different services for their customers. It handles huge volume of customer information, maintenance and also involves in the investment of the those amount to get their dividend and interest.

**Roles and Responsibilities:**

- Leading the Team to understand the Business requirements.
- Was the main person to develop and carry out the BCP plans for the z/OS mainframe.
- Working in production support and resolving the issue.
- Guiding the team in technology aspect.
- Work and resolve access issues and incidents related to RACF and updates to RACF tables and provisions
- Client team discussions about the new RACF requirements/enhancements
- Implement RACF Security changes, Manage and own all DB2 provisions and Triage of HRO Security Issues
- Install and maintain IBM Z/OS operating system and 3rd party products for IBM clients
- Lead application development using COBOL, SQL, JCL, CONTROL-M
- Solution design for each user stories, updating any tech documentation as necessary using SNOW
- Impact assessment of each story, identifying technologies involved and technical inter dependencies

**OCDB/MDB/CDB   - Texas**                                          **JAN'19 – MAY'21**

| Client | Santander Bank UK |
|---|---|
| Role | Team Lead |
| Technical Environment | Linux, Assembler, Control-M, SQL Developer, E-reports, CICS PLEX , COBOL, JCL, DB2, QMF,VSAM, SPUFI,SYS PLEX ENDEVOR, Z/OS, FTP, Main View |

Santander is a global banking group and each of its subsidiaries, including Santander UK, operates as independently capitalised stand-alone businesses. Santander UK plc, Cater Allen Limited and Abbey National Treasury Services plc are each incorporated in the UK, are subject to UK legislation and authorised by UK Prudential Regulations Authority and regulated by the Financial Conduct Authority and regulated by the Financial Conduct Authority and the Prudential Regulations Authority. Santander develops products and services to meet the needs of its customer. We make full use of our global experience and tailor it to each of our markets. Santander provides financial services to all customers: Individual, Companies, Institutions, Corporations, Private Banking and Universities.

**Roles and Responsibilities:**

- Leading the Team to understand the Business requirements.
- Assist in resolving RACF related issues and support in Auditing of security requirements
- Worked in Assembler like coding and testing
- WebSphere MQ for Z/OS MVS mainframe and UNIX/HP/Linux servers
- Working in production support and resolving the issue.
- Guiding the team in technology aspect.

- Proficient in the Customer1 application
- Lead application development using COBOL, SQL, JCL, CONTROL-M
- Solution design for each user stories, updating any tech documentation as necessary using SNOW
- Impact assessment of each story, identifying technologies involved and technical inter dependencies Install and maintain IBM Z/OS operating system and 3rd party products as a MVS/Z/OS Systems Programmer using SMP/E

**TAX   - Irving**                                                                                          **JAN'18 –DEC'18**

| Client | CoreLogic |
|---|---|
| Role | Team Lead and Sr. Mainframe Developer |
| Technical Environment | Linux, Assembler, Control-M, SQL Developer, E-reports, CICS, COBOL, JCL, VSAM, DB2, QMF, SPUFI, ENDEVOR, FTP, Main View |

Tax project deals with property tax. It involves calculation of the Tax for the different county, state and clients. Feed them into the TAX system and divides the tax amount based on the installments date and billing cycle. Also, it creates the report for pending payment and different client report based on the client requirement. We get the Tax information that is TAR also called as Tax Amount reporting from different feeds like ADDS, ATSU, etc.

**Roles and Responsibilities:**
- Leading the Team to understand the Business requirements.
- Working in production support and resolving the issue.
- Worked in Assembler language  for enhancement , testing.
- Guiding the team in technology aspect.
- Working in the Jira tickets raised by the business to resolve the issue.
- Worked in CICS program with MQ and DB2 to receive MQ requests, process it and send responses.
- Providing weekly status update to the client on the task done by the team.
- Optimizing the code for the cost saving.
- Working in the E-report for creating new report and resolving the issue/modification of report based on the client requirement.

**SWEEP    - Dallas**                                                                                       **FEB 16 –JAN'18**

| Client | JPMorgan chase |
|---|---|
| Role | Team Lead and Sr. Mainframe Developer |
| Technical Environment | -390, CICS, COBOL, JCL, DB2, MQ, QMF, SPUFI, ENDEVOR, CA-7, FTP, Main, AS -400, VSAM |

Sweep also known as Short Term Investment Funds (STIF) in Worldwide Securities Services operations provides WSS clients an option of investing their residual cash balances into STIF vehicles where the clients can earn some good benefits out of it. Sweep system provides intraday and as well as end of day sweeps to customer. Intraday sweep process will invest the real time cash balance received into the account. Where as EOD sweep process invest the available cash balance at the EOD after posting all the transactions. These swept functions

will be invested outside of JPMorgan. JPMC retains part o the STIF earnings as fee and distribute the remainder amongst the participating client accounts.

**Roles and Responsibilities:**

- Understanding the Business requirements.
- Worked on the gathering the requirements, creating detail design, creating the stories for each sprint, assigning the stories to the offshore team and reviewing their work.
- Involved as Team lead in assisting the other team members in technical issues.
- Developed and delivered individual modules.
- Worked in CICS program with MQ and DB2 to receive MQ requests, process it and send responses.
- Involved in SIT and UAT testing.
- Creation of implementation plan for the successful delivery of the project.
- Provide the weekly status report, Weekly Abend log report and a monthly report of involvement of the team in various tasks to JPMC Client Management.
- Solve the production issues raised by the users. Quickly analyze user queries and respond them promptly.
- Log the production queries and extract requests into WSS Ad-hoc Request tracking database to project the hours spent on regular queries apart from the time spent on projects.
- Have done cost savings by developing online screen to generate the report for business that took lot of time to generate the report before developing the online screen.
- Also involved in other cost saving work like decommission the RSD report, optimising DB2 queries and removing obsolete datasets.

**TITAN   - Dallas**                                                                                  **JAN '13 -   DEC'15**

| Client | JPMorgan chase |
| --- | --- |
| Role | Sr. Mainframe Developer |
| Technical Environment | OS-390, CICS, COBOL, JCL, DB2, MQ, QMF, SPUFI, ENDEVOR, CA-7, FTP, Main view, VSAM, File-Aid |

TITAN (Trust Information Transaction Accounting) forms a part of the core custody operations of JPMC-WSS. It stores all the settled trade transactions as well as the cash transactions for 18 months and provides online queries and various different reports as and when required.  This System thereby acts as the "Book of the Bank'. It also creates daily asset tapes and extensive reports for balance reconciliation and cash proofs for the custody clients. Projects involve creating new online interfaces for clients to view history, produce new kinds of automated report (Holding and activities report) and send to clients on daily or monthly basis and  generation of different kinds of feeds to billing team, etc.

**Roles and Responsibilities:**

- Business requirements gathering.
- Created a detailed design document with flow charts.
- Do impact analysis, find list of components need to be changed and provide an estimate.
- Create the task list and assign task to other team members.

- Assist other team members in their task. Peer review of the work done by other team members.
- Complete the build within the committed time frame and make sure that other team members are also completing their build
- Review of components changed and create an implementation plan for the successful delivery of the project
- Move the components to ENDEVOR after thorough review and create the packages for the implementation.
- Complete executions of the SIT test scripts and validate the results with the requirements.
- Create the implementation documents to be attached with the ECM (Enterprise Change Management) to record for audit purpose.
- Participate in PWC Audit meetings and run the process as requested by them and document it.
- Provide a report of billability hours of the team members and make sure that the project Accounting and Reporting (PAR) are done for all team members.

**AIRS  - Dallas**                                                           **FEB '11 -   JAN '13**

| Client | JPMorgan chase |
|---|---|
| Role | Sr Mainframe Developer. |
| Technical Environment | OS-390, CICS, COBOL, JCL, DB2, MQ, QMF, SPUFI, ENDEVOR, CA-7, FTP, Main view, VSAM, File-Aid. |

AIRS (Automated Income Reconciliation System) -   controls and distributes dividend and interest to the WSS custody customers. The system collects and maintains income announcement and record date information, creates pending payments, handles the collection, distribution and reconciliation of income from cash dividends and interest payments from different types of securities. The AIRS System automats the processing of book entries registered interest and coupon bonds interest payments and pays principal for mutual funds and private placements. AIRS automate the servicing of Federal Bonds, Equities, ADR securities, private placements.

**Roles and Responsibilities:**
- Participate in initial requirements gathering, meetings with business users and business analysts to get the requirements clearly from BRD.
- Identify the list of components to be changed and based on the no of component changes provided development and testing effort for E0, E1 and E2 level.
- Create a detailed design document with flow charts, Visio diagrams and code change in pseudo format.
- Complete the build and perform the unit testing.
- Execute the Unit test scripts and Regression test scripts.
- Create the extensive reports based on user request by writing complex SQL queries.
- Create the jobs to automate the report if the report needs to be created on the regular interval
- Worked on FTP, STFP and File mover connectivity to receive the inbound and outbound feed.
- Provide24x7 on call support for the applications handled.
- Keeping track of offshore deliverables.
- Worked in both water fall model and agile methodology.

| Compliance _ India | | JUN'07 – DEC' 10 |
|---|---|---|
| Client | Duetsche Bank | |
| Role | Mainframe Developer | |
| Technical Environment | OS-390, CICS, COBOL, JCL, DB2, MQ, QMF,SPUFI,ENDEVOR,CA-7,FTP,Mainview, VSAM, File-Aid. | |

Compliance maintains a database of positions used to monitor the percentage that Deutsche bank holds, in the aggregate, globally for any company/ Security. This information used to ensure that the corporation does not incorrectly/ illegally purchase more of a company than its strictly allowed by a local jurisdiction. Compliance has the following applications GEM (Global Equity Monitoring), AMR (Asset Management Reports), ETR (Employee Trade Reports), ECAP (Employee Compliance Application Portal), CAS (Compliance Administration System). ECAP and CAS takes care of the employee's investment on a particular security and its compliance.

**Roles and Responsibilities:**
- Develop or modify the programs and jobs for the batch and online process.
- Complete the work assigned by onsite lead.
- Creating the code for scheduling the CA-7 jobs.
- Execute the unit test scripts and Regression test scripts.
- Creating the own test cases and executing the test results for the code developed.
- Improve the business knowledge on the application.

| Reference 1 | |
|---|---|
| Name | Sandeep |
| Designation | Project Manager (Wells Fargo) |
| Contact Number | +1 (925) 323-0972 |

| Reference 2 | |
|---|---|
| Name | Nikhil |
| Designation | Manager (JP Morgan) |
| Contact Number | +1 (678) 896-0905 |

| Reference 3 | |
|---|---|
| Name | Venkata |
| Designation | Colleague |
| Contact Number | +1 609-920-4094 |

1. **Vikram Ramamurthy**

| Vikram Ramamurthy – Mainframe Application Programmer Analyst |
|---|
| **Professional Summary** |

- Overall, 16 years of experience in the IT Industry working with Major Insurance, RCG (Retail, & Consumer Goods) and Financial Clients.
- 5 out of 15 years of experience in Migration projects from Legacy Mainframe applications to Micro focus/.NET/Java/SAP Technologies.
- My significant contribution has been in Analysis, Design, Development and functional Studies, Service Delivery Operations, Quality Management and Client Engagement at multiple levels for eligibility and reporting applications.
- Rich experience in managing and handling maintenance and production support applications spanning different technologies like **Mainframe, Java,** and **.NET Technologies**, driving performance tuning and cost cutting opportunities.
- Handled application upgrades in Mainframe (Operating system and tools/software)
- Good analytical and problem-solving skills, intellectual capability and a high level of self-motivation combined with ability to work diligently to perform consistently. Skillful in managing time, prioritizing tasks, meeting deadlines ensuring quality output.
- Extensive functional study, research problems and drive performance tuning and cost cutting opportunities.
- Expertise in Balancing the Inventories between Warehouse and Inventory Management system.
- Cross Trained in Micro Focus COBOL with Enterprise Server and SQL Server from the direct client.
- Cross trained in .NET Technology (HTML, CSS, JavaScript, C#.net, VB.net and SQL Server) and adopted my knowledge in my ongoing projects.
- Learned Java batch and Unix shell scripting independently and supported Brochure supplements, Blackrock applications and Trade milestone process. I have developed complex Shell scripts in Trade milestone process and involved in changes to Java batch application.
- I have an excellent knowledge in Billing and Inventory Management system, Accounts Activation, share class conversion, Portability widget, Fee Reduction/Offset, Blackrock applications, Trade Allocation process and Trade Milestone process in Edward jones.
- Acted as mentor for the team to provide knowledge on Shell scripting and RPM Packaging issues.

| **Education** |
|---|

MS [Software Systems]
Birla Institute of Technology and Science, Pilani, 2012


Bachelor of Engineering in Electrical & Electronics
Prince Shri Venkateshwara Engineering College, 2006

| **Technical Skills** |
|---|

TECHNOLOGY

- Languages – COBOL, PL/1, Micro Focus COBOL, REXX, JCL.
- Databases – VSAM, DB2, IDMS, SQL Server
- Tools – CICS, Fileaid, Expeditor, TSO/ISPF, Team Foundation server, Data Tools, IBM Utilities, D-Series Scheduler, Python, Tableau, MQ Series.
- Scripts – Unix Shell Scripting

- OS – Windows/Linux
- Java - HTML, CSS, JavaScript, Core Java, Spring Batch, Jenkin pipeline, RESTAPI, JQuery, Kafka
- Repository - GITHUB

FUNCTIONAL
- Inventory Management System
- Purchase Order
- Customer Information System
- Discount Validation
- Order Management System
- Activation & Share class conversion
- Fee Offset/Reduction
- Blackrock
- UMA Automation
- Portability Widget
- Trade Allocation process
- Trade Milestone process

## Professional Experience

**Project: UMA**
**Client: Edward Jones (Location: St Louis, MO)**
**Role: Sr. Programmer Analyst (Mar 2020 – Till date)**

| Operating System | Z/OS |
|---|---|
| Primary Technology | Mainframe |
| Programming Lang/Tools | JCL, COBOL, DB2, IDMS, CICS, MQ Series, RESTAPI, Core Java, Spring Batch, Shell Scripting, Awk Scripting Autosys Box. |

**Project Objective:**
I have been recruited for a new team "Advisory Management" in which we need to support more than 25 applications with a limited resource. I have been engaged to support Activation & Share class conversion, Portability widget, Fee Reduction/Offset for US and CA portfolio, Blackrock, Trade Allocation process & Brochure supplements. In addition to above application support, I have been engaged in Installing in Aladdin.msi in all 50 Client workstations as part of Blackrock's new software update. Since Apr 2021, I have been working in UMA Automation where I was working on UMA Activation & SCC, UMA Allocation process and Trade Milestone process.

**Responsibilities:**
- Analyze Jira tickets and provide solutions/fixes/clarifications to Users.
- Creates System design document for ongoing enhancements.
- Develop code and test for the Mainframe/Linux/Java Batch applications.
- Works with scheduling team to schedule CA7 jobs and Autosys boxes
- Works with Business users for the current production issues or improvements to the existing applications.
- Attends daily Standup, Defect review, Sprint planning meetings, PI planning and Refinement meetings.

- Participate in Weekly Team meetings.
- Provides daily status meeting to team lead.
- Act as a mentor to provide knowledge transition on Shell Scripting/Applications that I own.
- Provides post implementation support for the ongoing enhancement/Development projects.
- Responsible for creating workflow for the UMA Allocation process for Equity, Fixed Income and Step out trades.
- Responsible for creating workflow for the Trade Milestone process.
- I have developed complex shell scripting and Java batch application with RESTAPI integrated with Mainframe for Trade Milestone process.
- We had several production issues in UMA Autosys boxes. I have redesigned and developed RPM Package for all UMA Autosys boxes. These boxes were implemented in production without any issues and executed in production with no issues since we implement.

**Project: Mainframe Conversion**
**Client: Tech Mahindra / AT&T (Location: Plano, TX)**
**Role: Sr. Software Developer (Sep 2019 – Dec 2019)**

| Operating System | Z/OS |
|---|---|
| Primary Technology | Mainframe |
| Programming Lang/Tools | JCL, COBOL, IMS DB, DB2, Linux, Snowflake, Azure |

**Project Objective:**
I have been recruited for a new engagement with AT&T through the Implementation partner "Tech Mahindra". This is a Development/conversion project for the AT&T Existing applications. This engagement has a total of 44 applications in which I have been assigned to DSF and SWITCH applications.

**Responsibilities:**
- To prepare System understanding documentation for the DSF and SWITCH Applications.
- Coordinate with respective Application owners to schedule the knowledge transitions on time.
- Work with Vendor tools to follow up with the issues and installs/Upgrades.
- Support IMS Upgrades and Vendor tool Upgrades.
- Responsible for creating AZ copy Shell Scripts to create link file in on Prem server and copied the file to Azure container.
- Responsible to create Snow SQL and associated shell scripts to use the file from Azure container and execute the snow SQL to load the files into snowflake source and target table.
- Responsible to write snow SQL query to load the data into source and target table. Also, proficient in using copy and merge (upsert) commands.
- Coordinating with AT&T for new enhancements and the projects.
- Working with the business users to perform the UAT testing.

**Project: MDM Cross Line Discount Validation**
**Client: Cognizant Technology Solutions US CORP / Farmers Insurance (Location: Mesa, AZ)**

**Role: Sr. Mainframe Developer (Dec 2018 – Aug 2019)**

| Operating System | Z/OS |
|---|---|
| Primary Technology | Mainframe |
| Programming Lang/Tools | JCL, COBOL, PL/1, Fileaid, DB2, SPUFI. |

**Project Objective:**

Farmers Insurance, the major insurance company that provides various insurance like Auto, Life, Home, etc., to customers. The company Headquarters located in Woodland Hills, CA. Currently, The Farmers Insurance provides the discounts to the customers who take multiple policies like, Home/Auto, Home/Life, Umbrella etc., The derivation of discounts is validated using SCV application. The main goal of this project is to use MDM (Master Data Management) a source instead of SCV application.

**Responsibilities:**
- Coordinating with client for the requirement gathering, prepare Business requirement Matrix documents,
- Involved in creating Solution Requirement Specification documents and deliver to Development team.
- Involved in Walkthrough sessions with client for the Business Requirement and SRS (System Requirement Specification) Documents.
- Involved in creating ROM (Initial & Final Estimation) documents for the Requirement phase and Solution design phase.
- Involved in risk analysis and present the business impacts to Business user.
- Involved in creating/modifying the System documentation when required.
- Coordinating with Development team and providing technical solutions on key issues.
- Create complex test scenarios for the System and UAT testing.
- Coordinating offshore team for the development activities.
- Coordinating with QA team for the system and performance testing.
- Involved in Pre- and Post-production activities like Production Shake out testing and pick sample policy to check if the discount has been properly validated using MDM source.

**Project**: **PNW Exit Seattle to Tacoma and Portland**
**Client: Cognizant Technology Solutions US CORP /Unified Grocers Inc., /Supervalu, Inc. (Location: Commerce, CA)**
**Role:  Sr. Mainframe Developer (Jun 2017 – Dec 2018)**

| Operating System | Z/OS |
|---|---|
| Primary Technology | Mainframe |
| Programming Lang/Tools | JCL, COBOL, Fileaid, Expeditor, DB2, CICS, IDMS, MS Excel, Tableau, SQL Server, Endevor |
| SQL Skills | SQL Server 2014, SQL Management Studio, SSIS (SQL Server Integration services), Stored Procedures |
| Reporting Tool | Tableau |

**Project Objective:**

Unified Grocers, Inc., The major wholesalers in west region announced a merge with Supervalu Inc., located in central region. Unified Grocers has 6 warehouses in which Seattle warehouse is to be closed soon. So, the items from Seattle warehouse are to be shifted to Tacoma (Supervalu Warehouse) and Portland (Unified Grocer's Warehouse). I am currently working on this requirement to develop the interim process to handle orders from Seattle.

- o
- o Responsibilities:

- Convert all components (COBOL, JCL, Copybooks, SYSIN's, PROC's) to Micro Focus Environment. We have converted IDMS statements to SQL Queries.
- As a single technical POC, liaise closely with Unified's business teams for testing needs and to ensure smooth execution of the project.
- Responsible for End-to-end delivery and resolution of data sync issues if any between interfacing applications.
- Involved in comparing the results between Micro Focus and Mainframes.
- Involved in migrating the Mainframe reports to Data visualization reports and sent to the End-users on a daily and weekly basis.
- Involved in creating Dashboards to explain the story of the visualization reports to end users.
- Involved in creating SSIS packages to extract data from SQL servers and send it to Mainframes environments by scheduling D-series Jobs in production environment.
- Involved in finding the bugs in Micro Focus and raising the incident to Micro Focus team for the Hot fix.


**Project**: **IMS Rewrite Project**
**Client: Cognizant Technology Solutions US CORP / Unified Grocers, Inc. (Location: Commerce, CA)**
**Role: Senior Mainframe Developer (Jan 2015 – Jun 2017)**

| Operating System | Z/OS |
|---|---|
| Primary Technology | Mainframe |
| Programming Lang/Tools | JCL, COBOL, DB2, CICS, IDMS, VBA Script, T-SQL, Excel Macros, Stored Procedures, Endevor, FILEAID |
| ETL Tools | SSIS (SQL Server Integration Services) |

**Project Objective:**
This is an enhancement project to rewrite the Inventory Management system. We had to gather the logic from the existing system and segregate the process for each transaction in Inventory Management System. Inventory Management System dealt with several buckets which is impacted by the following transactions like Purchase Order Receiving's, Receiving Corrections, Adjustments, Pallet Hold Restricted Items, Invoices, Invoice Corrections, Restricted Cancel process.

- o
- o Responsibilities:

- Preparation & execution of test scripts, database validation to ensure proper inventory balancing between IMS and Warehouse.
- Developed separate processes for each transaction and created a database to track each transaction using COBOL, CICS, DB2, JCL.
- Create complex test scenarios for the System, Integration and UAT testing.

- Automate the process to generate out of balance reports daily and to find the root cause of out of balance between Inventory Management system and Warehouse Management system.
- Automate the process to find the impacted items from IMS system which needs to be sync with WMS system.
- Verify the Beginning Stock, Planning End of Day, Balancing End of Day, and End of Day process.
- Sync the inventories for the items between IMS and Warehouse using the Balancing process.
- Project Management - Manage workload, project tracking, and ensure defect free delivery.

**Project**: **CIS2 Customer Conversion Project**
**Client: Cognizant Technology Solutions US CORP / Unified Grocers, Inc. (Location: Commerce, CA)**
**Role: Senior Mainframe Developer (Mar 2014 – Dec 2014)**

| Operating System | Z/OS |
|---|---|
| Primary Technology | Mainframe |
| Programming Lang/Tools | JCL, COBOL, DB2, IDMS, ADSO Screens, REXX, VBA Script, T-SQL, Excel Macros, Endevor, SQL Server 2014, SQL Management Studio |
| ETL Tools | SSIS (SQL Server Integration Services) |

**Project Objective:**
This is a Migration/Conversion project from Mainframe to .Net Environment. The main goal of this project is to analyze and document the existing functionality that works under Mainframe Customer application and implement the same functionality in a .Net environment. Also, the other applications are still running in the Mainframe environment which needs to be integrated with Customer application. There are few other enhancements that require some manual work to be automated in this application process. The Database used in mainframe environment are IDMS and DB2 which are to be converted to SQL Server Tables.

- o
- o Responsibilities:
- Analyze the existing Customer application system and document the existing functionalities for .NET Development team.
- Does Impact analysis for the interfaces and created High-level and Low-Level design documents to integrate with Customer applications.
- Involved in Design document walkthrough with Business users as part of Design Review session.
- Involved in Coding Unit, System, Integration and User Acceptance testing.
- Involved in preparing Test plan, Test results document throughout all phases of the project.
- Involved in Code peer review and review the Test results with Business users by giving demo on each test case.
- Create complex test scenarios for the System and UAT testing.
- To Automate the Business process for existing Enhancement projects using REXX Script.
- Project Management - Manage workload, project tracking, and ensure defect free delivery.

**Project: BAD DEBT Extended Algorithm**
**Client: Cognizant Technology Solutions India / AVON Consumer Goods, US (Location: Chennai, India)**
**Role: Developer/Software Engineer (Jan 2012 – Mar 2014)**

| Operating System | Z/OS 1.11 |
|---|---|
| Primary Technology | Mainframe |
| Programming Lang/Tools | COBOL, IMS/DB, DB2, VSAM, JCL |

*Project Objective:*
This Project has several sub projects. Expanding Credit Algorithm is one of the sub projects. A new rule will be added to the credit algorithm to check for excessive returns. This project involves more than 8 COBOL programs, 4 CICS programs, a few DB2 tables and IMS databases. These programs are analyzed, coded, and tested based on the requirement. Also, I have prepared the possible test cases with the appropriate test data.

- o
- o Responsibilities:
- Involved in requirements gathering, analysis and coding.
- Development of code for existing application in COBOL, DB2 &amp; IMS/DB
- Code changes are made for online applications.
- Build Unit test case &amp, regression Test case documents.
- Performed unit testing and code reviews.
- Involved in code changes on application program after the bug fix.

**Project: NIC NC30 Tagging Algorithm**
**Client: Cognizant Technology Solutions India / AVON Consumer Goods, US (Location: Chennai, India)**
**Role:  Developer/Software Engineer (Nov 2010 – Dec 2011)**

| Operating System | Z/OS |
|---|---|
| Programming Lang/Tools | COBOL, CICS, JCL, VSAM, DB2, IMS DB, REXX, Fileaid, INTERTEST. |
| Team Size | 9 |

*Project Objective:*

The Main goal of this project is to modify the NIC/No Code 30 Tagging Algorithm. This process is used to identify Representatives who have excessive credits from returns. This project involves more than 10 COBOL programs, a few DB2 tables and IMS databases. These programs are analyzed, coded, and tested based on the requirement. Also, I have prepared the possible test cases with the appropriate test data.

- o
- o Responsibilities:
- Involved in requirements gathering, analysis and coding.

- Development of code for existing application in COBOL, DB2 & IMS/DB
- Build Unit test case & regression Test case documents.
- Performed unit testing and code reviews.
- Involved in code changes on application program after the fix.

**Project: NFe Phase I Development**
**Client: Cognizant Technology Solutions US CORP / AVON Consumer Goods, Brazil (Location: Chennai, India)**
**Role: Team Member (Jan 2010 – Nov 2010)**

| Operating System | Z/OS |
|---|---|
| Programming Lang/Tools | COBOL, JCL, DB2, IMS DB. |

*Project Objective:*

This project mainly deals with Fiscal Note Number changes. It is a development project which involves about 50 programs to be changed with a short deadline. In this project, the main objective is to add many new fields included in DB2 and IMS databases. All these changes are analyzed, coded, and tested COBOL programs. Also, I have prepared Unit level Test cases for the same.

- o
- o    Responsibilities:
- Development of code for existing application in COBOL, IMS/DB & DB2
- Build Unit Test case documents.
- Performed unit testing and code reviews.
- To fix the problems on request.
- Involved in code changes on application program after the fix.

**Project: AUTO CRIVAL (R14753) IRG Coverage & (R14698) FMR Validation**
**Client: HTC Global Services Inc., / State Farm Insurance Company, Bloomington, US (Location: Chennai, India)**
**Role: Developer (Dec 2008 – Dec 2009)**

| Operating System | Z/OS 1.10 |
|---|---|
| Programming Lang/Tools | COBOL, PL/1, JCL, IMSDB, DB2, FILEAID, RMS (Revision Management System), Panvalet, HP Service Manager, VSAM |

*Project Objective:*
Customer Rating Index Validation Project (CRIVAL) plays a major role in Insurance domain. In this project, we are validating the Insurance Rating Tables (IRG tables). Also, we are validating FMR validation. It accesses 5 databases which includes both IMS & DB2 for policy and other information. CRIVAL tables handle the following business applications.

  - New business applications

- Created new validations for IRG tables and FMR Databases.

- Multi-Car Policies.

o   Responsibilities:
- Involved in requirements gathering, analysis and coding.
- Development of code for new application in PLI, IMS/DB & DB2
- Build Unit test case & regression Test case documents.
- Performed unit testing and code reviews.
- As a Problem Analyst to fix the problems on request.
- Have involved in code changes on application program after the fix.
- Uploading the components to production libraries
- Create or Update Auto Flow Changes.
- Create SCIT entries for the components.
- Have involved in RMS to deploy the components newer version in production.
- Provided technical support after the release.
- Worked with Service Manager. (Problem Record, Request, Incidents, Change Record, Task).
- Have Involved in Structure, JCL and SCM Checklist reviews.

**Project: AUTO DBVAL Groupings (R12262)**
**Client: HTC Global Services Inc., / State Farm Insurance Company, Bloomington, US (Location: Chennai, India)**
**Role:  Developer (Dec 2007 – Dec 2008)**

| Operating System | Z/OS 1.10 |
|---|---|
| Programming Lang/Tools | COBOL, PL/1, JCL, IMSDB, DB2, FILEAID, RMS (Revision Management System), Panvalet, HP Service Desk, VSAM |

***Project Objective:***

Groupings Database is a Conversion of Household Database (Combination of Auto and Fire Database).  We are validating this Grouping Database. This Database is validated with Client, Policy Database.  This Grouping database handles the following applications:

- Conversion of Household database to Groupings.

- Created new validations for grouping tables.

- Validated grouping data with Household database until the data gets sync with grouping.

o
  o  <u>Responsibilities:</u>

- Involved in requirements gathering, analysis and coding.
- Development of code for new application in PLI, IMS/DB & DB2
- Build Unit test case & regression Test case documents.
- Performed unit testing and code reviews.
- As a Problem Analyst to fix the problems on request.
- Have involved in code changes on application program after the fix.
- Uploading the components to production libraries
- Create or Update Auto Flow Changes.
- Create SCIT entries for the components.
- Have involved in RMS to deploy the components newer version in production.
- Provided technical support after the release.
- Worked with Service Manager. (Problem Record, Request, Incidents, Change Record, Task).
- Have Involved in Structure, JCL and SCM Checklist reviews.

| Reference 1 | |
|---|---|
| **Name** | Priya kaliamoorthy |
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| Reference 2 | |
|---|---|
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| Reference 3 | |
|---|---|
| **Name** | Poornachandra Mowlleswaran Jayapragasam |
| **Designation** | Sr.manager |
| **Contact Number** | 2033565518 |
| **Email** | Poornachandramowleeswaran.jayapragasam@cognizant.com |

### 3. Praveen Kumar

| **Praveen Kumar Karre – Mainframe Application Programmer Analyst** |
|---|
| **Professional Summary** |
| • 13+ years of experience in designing, developing, and delivering complex applications using mainframe technologies like CICS, DB2, COBOL, JCL, and VSAM. Worked as Java backend |

developer on migrating mainframe applications to Java platform using Spring Boot and Micro-services.

- Experience on developing complex mainframe CICS(Customer Information Control System) applications.
- Developed CICS screens using MAP and implemented pagination logic to view multiple records.
- Good exposure on ISPF and TSO environments.
- Worked on COBOL, VSAM and JCL to develop batch applications. Having good exposure on creating KSDS files, Alternate indexes and path.
- Having good experience on creating web services using SOAP architecture.
- Worked on IBM MQ to send and receive the data being processed by CICS programs.
- Hands on experience in scheduling the batch jobs and set in-out conditions for the dependent jobs.
- Worked on endeavor to maintain version control and Control-M to monitor and schedule the batch jobs.
- Worked on application support team to find the problem resolution quickly.
- Worked on batch fails and night batch cycles. Good hands-on experience to restart the jobs in production environment.
- Proficient in writing complex queries in DB2. Worked on SPUFI, QMF and DCLGEN.
- Worked on IMS DB modules and scripts.
- Having good experience in developing new COBOL programs and stored procedures as per coding standards.
- Created new JCL and PROC and COPBOOK as per the new requirement.
- Report generation using SAS.
- Used data masking tools to protect the data.
- Written data privacy scripts to maintain integrity.
- Prepared test data for unit testing and integration testing.
- Experience in customer/1 application.
- Test case preparation of unit and regression testing.
- Worked as Java developer on migrating mainframe applications to Java platform.
- Good experience on spring framework, Spring Boot and Micro-services.
- Experience in design and implementing microservices using Spring Boot.
- Converted CICS screen to Java web based applications using HTML, CSS, bootstrap and Angular10.
- Hands-on experience in Angular10 framework for creating modules, components, and services.
- Hands-on experience in using various version control systems like Git, Gitlab and GitHub.
- Good experience in Apache Tomcat server and Node.js server
- Involved in Agile Software Development Team using SCRUM.
- Good exposure to Java Web Services development using SOAP, REST, WSDL, Data Transfer using JSON, XML.
- Extensively worked with relational databases such as Oracle 10g/9i, SQL Server, MySQL, DB2.

| | |
|---|---|
| • | Experience in Software Development Life Cycle (SDLC) and OOP through implementation and testing with JUnit Framework. |
| • | Experience working in Healthcare, Retail, Manufacturing, Insurance, Energy and Utilities domains. |
| • | Strong communication and interpersonal skills. |

**Education**

- Master's Degree in Computer Applications from Kakatiya University - 2008.
- Bachelor's Degree in Computer Science from Kakatiya University - 2004

**Technical Skills**

**Mainframes:**
- CICS, DB2, IMSDB, COBOL, Stored procedures, SAS, REXX, JCL and VSAM
- Endevor, Control-M, ZEKE, SYNCSORT, ACF2, IBM MQ
- Z/OS, Web-Services, SOAP architecture and WSDL
- Customer/1 application.

**Java:**
- Integration Frameworks:Spring,Hibernate, Spring MVC4
- Micro Services:Histrix, Eureka, Rest API
- ORM Frameworks: Hibernate, JPA
- Languages:JAVA, J2EE
- Web Technologies:  HTML5, Java Script, Typescript, CSS, Angular10
- Application/Web Server:Apache Tomcat, Node.js
- Operating Systems: Windows
- Databases: MS SQL Server, Oracle 9i/10g, DB2
- IDE: Eclipse, Visual Studio Code
- Build Frameworks: ANT, MAVEN
- Tools:Service Now, JIRA, RALLY, SOAP UI, Postman,Jenkins, Sonar, Git bash.
- Web Debugger Tools: IE/Chrome Debugger
- Cloud: AWS, Openshift

**Professional Experience**

**Washington State**                                                                                             **Apr 2023–Till Date**
**Mainframe Developer**
**Contract**
**Location: Remote**

**Responsibilities:**
- Requirement analysis and prepare design document.
- Develop COBOL, CICS programs and prepare JCL and PROC related to the requirement.
- Prepare unit test cases and perform unit testing and regression testing.
- Modified CICS web service programs as part of the enhancements.
- Worked on migrating the mainframe applications to Java platform.
- Worked on SCLM and GitHub to maintain the code.

- Written java programs for enhancement requests.
- Performed build requests using Jenkins.
- Part of the production deployment and support.
- Hands on experience on Jira and Confluence.

**Environment: z/OS, CICS, web services, COBOL, DB2, IMSDB, JCL, VSAM, Java8, Spring Boot, micro-services, Rest API, Angular7, Bootstrap, CSS, Html 5, Hibernate, Oracle.**

**JPMC**                                                                                              **Nov 2022–Mar 2023**
**Mainframe Developer**
**Contract**
**Location: Wilmington, Delaware**

**Responsibilities:**
- Requirements analysis and prepare design document, test plans.
- Write COBOL and CICS programs according to business requirements.
- Worked on endeavor to maintain the code.
- Experience on Control-m to schedule the jobs and execution.
- Experience on writing and modifying the code for IMSDB, DB2 programs as per the requirement.
- Data processing and Report generation using SAS.
- Worked on performing unit testing, system and integration testing.
- Prepared test plans and test cycles for unit and integration testing.
- Hands on experience on Jira and Confluence.
- Used data masking tools to protect the data.
- Written data privacy scripts to maintain integrity.
- Prepared test data for unit testing and integration testing.

**Environment: z/OS, CICS, web services, COBOL, DB2, IMSDB, JCL, VSAM.**

**Quest Diagnostics**                                                                         **Dec 2018 – Oct 2022**
**Mainframe Developer**
**Full Time**
**Location: Hyderabad, India**

**Responsibilities:**
- Worked on mainframe billing applications using CICS, COBOL, DB2, JCL, VSAM, SOAP web services and IBM MQ.
- Involved in requirements gathering, understanding the requirements with client discussions.
- Prepare design document and develop COBOL, CICS programs and prepare JCL and PROC related to the requirement.
- Prepare unit test cases and perform unit testing and regression testing.
- Prepare scenario based automation test tool to simplify the mainframe testing.
- Created automation tools to prepare the test data and setup the test batch cycle.
- Written complex queries using DB2.

- Hands on experience in IMS DB to retrieve the data.
- Written JCL to snap production datasets to test datasets.
- Written automated JCL to recall bulk datasets which were migrated to tape.
- Worked on Control-M to setup new jobs and in-out conditions.
- Worked on Endevor to maintain code repository.
- Create change request for project implementation.
- Check version control for each implementation.
- Create web services using SOAP architecture and write WSDL files to create Request and Response xml parameters.
- Worked on IDMS database.
- Written parsing programs to convert xml data to copybook data.
- Written routing programs to put and get the data from MQ.
- Prepare requirements document for migrating the legacy applications to Java environment.
- Design the requirement so that they can be implemented using java spring boot and micro services architecture.
- Converted CICS screen to Web based HTML and Angular components for migration projects.
- Used Angular 10 to develop web based application.
- Using spring boot created rest controllers, services and repositories to implement the core functionality of the mainframe application.
- Created micro services to create loosely coupled systems and easy implementation and maintenance.
- Used Eureka server to register each service at one place and easy maintenance.
- Created Hystrix circuit breaker to monitor the health of the services deployed.
- Hands on experience in CI/CD tools like Jenkins.
- Worked on Gitlab to maintain the code repository and maven to build the application.

**Environment: z/OS, CICS, web services, COBOL, DB2, IMSDB, JCL, VSAM, Java8, Spring Boot, micro-services, Rest API, Angular7, Bootstrap, CSS, Html 5, AWS, Openshift, Hibernate, Oracle.**

**C&S Wholesale Grocers**                                                                 **Oct 2017 - Nov 2018**
**Mainframe Developer**
**Implementation partner: Nsight Inc.,**
**Location: Hyderabad, India**

**Responsibilities:**
- Worked on online and batch applications of CS Grocers.
- Created CICS screens and backend development for core functional areas.
- Worked on batch application programs and modified the functionality as per new requirement.
- Extracted business rules for the migration projects.
- Created requirements from mainframe programs to migrate the legacy system to Java environment.
- Prepared design documents and develop the requirements in Java spring boot.
- Converted CICS screens to Java web pages using HTML, CSS and Angular.
- Written client side functionality using Angular. Created modules, components and services.
- Write Angular security using o-auth2 and integrate with rest controllers.

- Create web services using SOAP architecture and write WSDL files to create Request and Response xml parameters
- Writtenspring based transactions, services and implement Dependency Injection using spring and spring boot.
- Create rest controllers, services, repositories to implement the core functionality of the legacy system.
- Implemented the micro service architecture to easily maintain the application.
- Written JUnit test cases to test the applications.
- Used Java8 features to reduce the code complexity.
- Implemented functional interfaces using lambda expressions.
- Worked on Gitlab to maintain the code repository.
- Worked on maven to build the code and used CI/CD integration tool Jenkins to deploy the code.
- Worked with devops team to monitor the implementation of the projects.

**Environment: z/OS, web services, CICS, COBOL, DB2, JCL, VSAM, Java8, Spring Boot, Rest API, Angular7, Bootstrap, CSS, Html 5, Hibernate, Oracle.**

**Honda**                                                                                           **Jan 2014 - Sep 2017**
**Mainframe Lead**
**Implementation partner: Wipro Ltd**
**Location: Ohio,USA**

**Responsibilities:**
- Requirement analysis, design and develop mainframe applications using CICS, DB2, COBOL, JCL and VSAM.
- Setup meeting invites with business subject matter expert, discuss and understand the requirements.
- Design the COBOL programs, JCL and PROC which are best fit to the requirement and create VSAM files to store the data.
- Writing DB2 queries in COBOL programs to select/insert the data into DB2 tables.
- Used cursors in COBOL/DB2 programs to handle multiple records from the select query.
- Distribute the requirements to offshore team.
- Explain the requirement to offshore team and clarify the doubts.
- Write unit test cases to offshore team and involve in regression testing.
- Develop tools to automate the redundant process.
- Prepare the test jobs and test data for batch cycle for project QA testing.
- Implemented pagination logic for CICS screens to populate multiple records on the screen with function keys.
- Setup new queues using IBM MQ to send and receive the continuous business data.
- Worked on web services to connect to Z/OS system and retrieve the data from mainframe.
- Worked on WSDL files to modify the request and response tags based on the requirement.
- Worked on SOAP architecture to implement the web services.
- Created parsing COBOL programs to parse the xml data coming from source.
- Created routing programs to place the parsed data to other systems using IBM MQ.
- Developed security validation programs to authenticate the application source.
- Setup control card data to drive the functionality of the applications.
- Involved in creating change requests for project implementation.

- Presenting the project demo to end users after successful implementation of the project.
- Good communication skills to work with offshore team and present the requirement to end client.

**Environment: Z/OS, CICS, JCL, COBOL, DB2 and VSAM, Endevor, SYNCSORT, Web services and Control-M**

**British Petroleum**                                                                 **Jan 2012 - Dec 2013**
**Mainframe Developer**
**Implementation partner: Wipro Ltd**
**Location: Hyderabad, India**

**Responsibilities:**
- Developed batch applications using JCL, COBOL and DB2.
- Worked in Agile environment and attended standup calls.
- Participated in SCRUM meetings and user story creation.
- Written automated script using JCL and SORT to snap the production datasets to test datasets.
- Worked on new CICS programs and prepared PCP, PCT FCT entries.
- Worked on different CICS regions to execute the test cycles for project deliverables.
- Worked as application support engineer to resolve production issues.
- Prepared Sev-2 requests documents to justify the problem resolution.
- Created tools to prepare and execute the test batch cycles.

**Environment: Z/OS, CICS, JCL, COBOL, DB2 and VSAM, Endevor, SYNCSORT and Control-M**

**Aviva Life Insurance**                                                              **Dec 2009 - Dec 2011**
**Mainframe Developer**
**Implementation partner: Wipro Ltd**
**Location: Pune, India**

**Responsibilities:**
- Requirements gathering, design and coding of life insurance applications.
- Worked on developing CICS applications for centralized customer data base.
- Created new batch programs using JCL, PROC and COBOL programs.
- Created new VSAM files and Alternate Indexes using IDCAMS.
- Worked on COPBOOKS and DCLGEN for COBOL DB2 programs.
- Data processing and Report generation using SAS.
- Scheduled batch jobs in control-m and monitored the jobs after project implementation.
- Worked on Endevor to check in and check out the elements and moving the elements from QA to Stage.
- Created change requests to implement the components.

**Environment: Z/OS, CICS, JCL, COBOL, DB2 and VSAM, Endevor and Control-M**

**Reference 2**

| Name | Sampath |
|---|---|
| Designation | Tech Lead |
| Company Name | PMC(Cognizant) |
| Email | sampathkumar.jagadeesan@cognizant.com |

| Reference 3 | |
|---|---|
| Name | Mariyappan |
| Designation | Project Manager |
| Company Name | JPMC(Cognizant) |
| Email | mariyappan.murugan@cognizant.com |

### 4. Surendra Kumar

| Surendrakumar Loganathan – Mainframe Application Programmer Analyst |
|---|
| **Professional Summary** |

15+ years of experience with Architecting, Designing and Developing Mainframe Applications. Immense Experience in Architecting Migration project from Legacy solution to Enterprise cloud solutions.

8+ years of experience in Walmart stores Inc. across various business portfolios. Performed knowledge management and solution structuring for multiple projects across the software Development cycle. Planned Implementations with change management. Excellent communication and interpersonal skills with a demonstrated track record of delivery of multiple technical projects Implemented across the globe with on time and within budget.

- Architected large scale projects involving rapid code deployment in agile environment using latest industry standards and tools
- Hands on experience Architecting projects through all stages of the SDLC (Software Development Life Cycle) projects involving user requirements & analysis, design, development, testing, implementation, documentation and maintenance of various stand-alone, mainframe and client-server applications.
- Experience in core banking systems like FIS and Hogan systems.
- Proficient in Agile and Waterfall development methodologies. Extensively worked in product development using SCRUM, KANBAN and Test-Driven Development.
- Excellent working experience in **Mainframe.** Hands on experience in **SOAP and RESTful Web Services**.
- Strong abilities in database Programming using RDBMS databases like DB2 , Oracle, Bigquery. Extensively worked on writing Stored Procedures, Triggers, Views and Database Design. Hands on experience in SQL performance tuning and query analysis.
- Experience in change management process using Remedy 7.0.

- Extensive skill set in a wide variety of programming languages, ERP tools & utilities with key accomplishments on

    1. *SOA implementation in Walmart Mainframe applications using CICS webservices.*
    2. *Unicode data handling (EBCDIC, UTF-8, UTF-16)*
    3. *End-to-end application architecture design & database modelling for Pharmacy Centralized Systems, Central Prescription Filling system, Tire & Lube Express, Central Prescriber and Success Factor Learning Management system*
    4. *Pathways application implementation for store associates with responsive web design interacting with Sum Total & DB2*
    5. *Teradata version migration for complete pharmacy application in Walmart*
    6. *Automated test environment creation*

- Flexible in adapting to new technologies. Fair knowledge on open technologies.

## Education

## Technical Skills

| Languages | COBOL, JCL, CICS, JSON, XML on mainframe   python - GCP |
|---|---|
| **Databases** | DB2, IMS DB, VSAM, Teradata, Big Query |
| **Middleware** | MQ series, Data power, web Sphere |
| **Tools** | Mainview, CICS Explorer, Xpediter, SoapUI, CA7, FTP, BMC Utilities, Platinum Tools, Rational Developer for zOS, Fiddler, File-Aid, Easytrieve, QMF for windows, Teradata SQL assistant, Visio, Debugger |
| **ERP Tools** | Success Factors (LMS, PTMT, Succession planning, Employee central), Sum Total ,SAP PI, PeopleSoft ) |
| **SDLC Methodologies** | Waterfall and Agile |
| **Version Control Tools** | Librarian, **Visual** Source Safe, TeamForge , Remedy (*change management tool*), Tortoise-SVN, Panvalet, Changeman, HP Qc |
| **Operating Systems** | zOS , Windows 2000/ NT/ XP/ Vista/7.0/8.0 |

## Certifications

- Dale Carnegie certification.
- Undergone HIPAA training and certification.
- Walmart Leadership Foundation training.

## Professional Experience

| Organization | Role | Experience |
|---|---|---|
| Cognizant Technology Solutions | Distinguished Engineer | (Apr 2016 to May 2023) |
| Walmart Stores Inc | Lead Engineer | 8 years (May 2008 to Apr 2016) |
| Data Software Research Company(DSRC) | Engineer | 5 years (October 2003 to May 2008) |

**Project Experiences: COGNIZANT TECHNOLOGY SOLUTIONS**

| 1 | **Vendor Management System Modernization – Walmart** | **Plano, TX** |
|---|---|---|
| | *Role: Distinguished Engineer* | **Jun 20 – Present** |

| Vendor Management System (VMS) is an Vendor Maintenance Database. This system was maintained in IMS mainframe legacy system which was migrated to GCP cloud . |
|---|
| **Key Experience:**<br>• Architected the Modernized VMS system migrating Mainframe systems to GCP cloud.<br>• Worked with Requirements gathering with the clients for the project and managed scrum teams for the Project.<br>    Developed and coordinated deployment of Restful web-services for Existing VMS system to GCP APIs.<br>• Documented the existing process of the Vendor Management System which helped in the design of the new architecture<br>• Helped in the Architecture discussion to enable cross platform integration using SOA and Middleware technologies<br>• Ensured best practices implementation data governance and integration<br>• Prepared Existing Systems Test cases for the helping the New developments<br>• Continuous delivery and process improvement using Agile Methodology |

| **Technology** | Cobol, CICS Web Services, DB2, MQ, JCL, CA7 and Control-M , Cassandra, GCP bigquery, Hive tables |
|---|---|

| 1 **Credit Authorization System Modernization – AT&T**      **Plano, TX**<br>*Role: Distinguished Engineer*      **Mar  19 –  May 20** |
|---|
| Customer Approval System (CAS) is an Real-Time Credit Decisioning and Fraud Processing system. CAS determines the Credit Worthiness of applicants for all AT&T Wireless, Wireline and UVerse Customers. CAS uses Credit Bureau data and AT&T Internal data to determine the Credit Decisions for all customers. |
| **Key Experience:**<br>• Architected the Modernized CAS system migrating Mainframe systems<br>• Worked with Requirements gathering with the clients for the project and managed scrum teams for the Project.<br>    Developed and coordinated deployment of Restful web-services for Existing CAS system.<br>• Documented the existing proves of the Credit authorization system which helped in the design of the new architecture<br>• Helped in the Architecture discussion to enable cross platform integration using SOA and Middleware technologies<br>• Ensured best practices implementation data governance and integration<br>• Prepared Existing Systems Test cases for the helping the New developments<br>• Continuous delivery and process improvement using Agile Methodology |

| **Technology** | Cobol, CICS Web Services, DB2, MQ, JCL, Xpediter, Mainview, CHANGEMAN , Cassandra |
|---|---|

| 1 **CUNA Mutual Group**      **Madison, WI**<br>*Role: Lead Engineer*      **Mar 2018  - Mar 19** |
|---|
|  |

CUNA Mutual Group is a mutual insurance company that provides financial services to cooperatives, credit unions, their members, and other customers worldwide. CUNA Mutual Group sells commercial and consumer insurance and protection products . Billing and Reporting Team is responsible for generating Bills for the CUs based on the usage and create reports as needed by the business.

**Key Experience:**
- Migrate data from DB2 to SQL server using SSIS jobs.
- Maintain the existing Batch flows and modifying them to remove functionalities during migration.
-  Ensured best practices implementation data governance and integration
- Create data for Audit teams based on the issued and cancels for specific insurance products.
- Prepared Existing Systems Test cases for the helping the New developments
- Continuous delivery and process improvement using Agile Methodology

| Technology | Cobol, Teradata, DB2, Talend , JCL, Xpediter, CHANGEMAN |
|---|---|

| 1  Enterprise Data Warehouse(EDW) – HCSC | Richardson, TX |
|---|---|
| *Role: Lead Engineer* | **Mar 2017 –  Feb 2018** |

Enterprise Data Warehouse (EDW) is data repository HCSC systems which stare data from multiple systems like Blue gateway, Blue chip, and multiple third party vendors. It collects both HIPPA and PI data and stores in Teradata. It collects membership, provider, claims data from multiple vendors and acts as major hub for ESP(Enterprise Service provider).

**Key Experience:**
- Modified Transformation rules to load to EDW usind ETL Tools.
- Worked with Requirements gathering with the clients for the project and managed scrum teams for the Project.
  Developed and coordinated deployment Job flows to load data to EDW.
-  Ensured best practices implementation data governance and integration
- Prepared Existing Systems Test cases for the helping the New developments
- Continuous delivery and process improvement using Agile Methodology

| Technology | Cobol, Teradata, DB2, Talend , JCL, Xpediter, CHANGEMAN |
|---|---|

| 1  Credit Authorization System Modernization – AT&T | Richardson, TX |
|---|---|
| *Role: Lead Engineer* | **Apr 2016 –  Mar 2017** |

Customer Approval System (CAS) is an Real-Time Credit Decisioning and Fraud Processing system. CAS determines the Credit Worthiness of applicants for all AT&T Wireless, Wireline and UVerse Customers. CAS uses Credit Bureau data and AT&T Internal data to determine the Credit Decisions for all customers.

| **Key Experience:** |
| :--- |
| • Architected the Modernized CAS system migrating Mainframe systems<br>• Worked with Requirements gathering with the clients for the project and managed scrum teams for the Project.<br>    Developed and coordinated deployment of Restful web-services for Existing CAS system.<br>• Documented the existing proves of the Credit authorization system which helped in the design of the new architecture<br>• Helped in the Architecture discussion to enable cross platform integration using SOA and Middleware technologies<br>• Ensured best practices implementation data governance and integration<br>• Prepared Existing Systems Test cases for the helping the New developments<br>• Continuous delivery and process improvement using Agile Methodology |

| Technology | Cobol, CICS Web Services, DB2, MQ, JCL, Xpediter, Mainview, CHANGEMAN |
| :--- | :--- |

**WALMART**

| 1 | **Global Back Office Solution – People Systems: Learning Management System International** | **Bentonville, AR** |
| :--- | :--- | :--- |
| | *Role: Lead Engineer* | **Mar 2014 – Apr 2016** |

| Learning Management System International project implemented Success Factors' cloud solution Implementation for Walmart Stores Inc across 26 International countries. Incorporated SCORM standards in LMS and this is the First global system in Wal-Mart to capture associate data across global countries. |
| :--- |

| **Key Experience:** |
| :--- |
| • Technical lead for the project and designed end to end architecture.<br>• Configured domain structures for the access and security of application<br>• Designed architecture for pathways application for store associates career growth<br>• Worked with Development teams across the world to collect associate data through a standard process to make the learning system operational<br>• Architected framework to enable cross platform integration using SOA and Middleware technologies<br>• Ensured best practices implementation for associate data governance and integration<br>• Partnered with vendors to drive project delivery within timelines<br>• Continuous delivery and process improvement using Agile Methodology |

| Technology | SAP Success Factors, Sum Total, Cobol, CICS Web Services, DB2, MQ, JCL, Xpediter, Mainview |
| :--- | :--- |

| 2 | **People Systems – Benefits Application** | **Bentonville, AR** |
| :--- | :--- | :--- |
| | *Role: Lead Engineer* | **May 2012 – Feb 2014** |

| Benefits application enables Wal-Mart to handle all human resourcing needs for the 2+ Million associates working in stores, IT division, Logistics, etc. This project depicts the calculation and processing Benefits for more than a million associates. |
| :--- |

**Key Experience:**
- Technical lead for the project and designed end to end architecture for benefits application
- Created new system for benefits data ware house reporting
- Architected framework to enable cross platform integration using SOA and Middleware technologies
- Lead core team from project initiation to rollout
- Partnered with vendors to drive project delivery within timelines
- Worked closely with business partners and project management team on the rollout plan and decisions.
- Supported QA team with queries and environment setup.
- Shouldered the responsibilities with the operations support team and resolved critical issues
- Supported Wal-Mart mission control activities and On-Call support.

| Technology | Cobol, CICS Web Services, DB2, MQ, JCL, Xpediter, Mainview, JAVA, |
|---|---|

| 3 | Pharmacy & Tire Lube Express<br>Application Development | Bentonville, AR |
|---|---|---|
| | *Role: Lead Engineer* | **May 2008 – May 2012** |

Pharmacy & TLE applications enable Walmart to handle all centralized data for all Walmart pharmacy and Tire and Lube Divisions. Played key role in the design architecture of the projects viz.,
- Pharmacy & TLE Central Database - Centralized the patients and customers data for pharmacy and TLE from all Wal-Mart stores across US.
- Central Fill – Centralized the prescription filling process for Wal-Mart US Pharmacies.
- Teradata Migration – Migrated Pharmacy data from the legacy systems to the target environment.
- Prescriber Central Data - Centralized the Prescribers data for Wal-Mart US Pharmacies.

**Key Experience:**
- Lead vendor partner teams for multiple pharmacy related initiatives ranging from central database for customers to central fill facility managements solutions
- Interacted with business customers for requirements, design and project discussions.
- Application design and development including web services in mainframes using SOA architecture and code development
- Involved in the system design discussions along with Technical Experts / Architects.
- Reviewed design artifacts and Performed code reviews to improve the quality of the system.
- Mentored vendor partners and team members with business and technical knowledge.
- Guided developers on coding the complex application from end to end and followed corporate coding standards.
- Supported QA team with queries and environment setup.
- Shouldered the responsibilities with the operations support team and resolved critical issues
  Supported Wal-Mart mission control activities and On-Call support.

| Technology | Cobol, CICS Web Services, DB2, MQ, JCL, Xpediter, Mainview, .net and Java |
|---|---|

**DSRC :**

| 1 | **Brazil Tax Conversion – Wal-Mart** | **Bentonville, AR** |
|---|---|---|
| | *Role: Lead Engineer* | **Jan 2008 – May 2008** |

Accounts payable is one of the core modules of the finance system of Walmart. Accounts Payable does the vital work of creating invoices for the goods purchased. It creates Journals for the invoice created and writes checks for the payments. Walmart India Conversion Project which involves analysis, design, development and Testing of new features based on the Change Requests (CRs) and Problem Change Request Modification (PCRM) raised.

**Key Experience:**
- Analysis, Design and Development of Conversion Project in PO Module.
- Develop Batch Application in COBOL,IMS and DB2.
- Prepared the Productions JCL's & Procedures.
- Performed Unit testing and defects fixing.

| **Technology** | TSO/ISPF, VS-COBOL II, JCL, VSAM, DB2, CICS, CHANGEMAN, FILE-AID, STARTOOL, CA-view and INTERTEST. |
|---|---|

| 2 | **Purchase Transportation System(PTS) - Yellow Roadways Corporation** | **Akron, OH** |
|---|---|---|
| | *Role: Lead Engineer* | **Jul 2007 – Dec 2007** |

The Purchased Transportation System (PTS), which is a small, mainframe-based system that consists of both batch and online processes, was created for the validating dispatched details and reports on purchased transportation including mileage by state for operating tax.

**Key Experience:**
- Responsible for program design, development for Purchase Transportation system
- Enhancement and coding as per LLD documents
- Working directly with users for the production Bug fixes.
- Responsible for the analysis, troubleshooting and solving technical issues
- Implemented changes to Production using SCLM & Changeman.
- Coded batch and online programs the for the Development of TPR & PTS Systems.

| Technology | TSO/ISPF, VS-COBOL II, JCL, VSAM, DB2, CICS, CHANGEMAN, FILE-AID, STARTOOL, CA-view and INTERTEST. |
|---|---|

| 3 | **Computer Aided Collection System (CACS) - Citibank** | **Chennai, India** |
|---|---|---|
| | *Role: Lead Engineer* | **May 2006 – May 2007** |

CACS is a credit card module which will generate a Letter File that will contain all letters produced for the day and corresponding account information. This interface Letter File will be handed-off to ELTS. Business must handle parameter setting in CACS.. A location code will be assigned to Individually Billed accounts that are different from the location code assigned to Centrally Billed accounts to distinguish both products that will facilitate letter generation.

**Key Experience:**

- Responsible for program design, development for CACS module
- Enhancement and coding as per the business requirements for the module
- Work with users, technical staff and management providing the feasible design
- Responsible for solving technical issues with module which interacts with the front end Java module

| | |
|---|---|
| **Technology** | TSO/ISPF, VS-COBOL II, JCL, VSAM, DB2, CICS, CHANGEMAN, FILE-AID, STARTOOL, Expeditor, CA-view and INTERTEST. |

| | | |
|---|---|---|
| **4   FINANCIAL RE-ENGINEERING Phase-3 - Cartus** *Role: Engineer* | **Bangalore, India** **May 2004 – May 2006** | |

**Cartus** (Formerly Cendant Mobility Services) is a subsidiary of Cendant Corporation. It is the leading provider of relocation management services domestically and also internationally. It assists many Corporations, Federal Agencies, and Military Organizations in relocation of their employees.

**Key Experience:**

- Have lead the module Property Ledger Conversion.
- Played a key role in preparing the Design Document for this conversion.
- Coded service to extract data from Property Ledger table
- Converting the data into XML for oracle usage.
- Involved in Unit testing to ensure bug-free solution
- Appreciated by client for the POC preparation for my module .
- Debugged Batch and Online programs  using brut force and backward tracking methods.

| | |
|---|---|
| **Technology** | TSO/ISPF, VS-COBOL II, JCL, VSAM , DB2,IMS , CICS, PANVALET, STARTOOL, FILE-AID and INTERTEST |

| Reference 1 | |
|---|---|
| **Name** | Kevin |
| **Designation** | Project Manager |
| **Company Name** | Walmart |
| **Email** | Kevin.n@walmart.com |

| Reference 2 | |
|---|---|
| **Name** | Vamshi k |
| **Designation** | Developer |
| **Company Name** | Walmart |
| **Email** | Vamshi@walmart.com |

| Reference 3 | |
|---|---|
| **Name** | Anusha k Reddy |
| **Designation** | Software Engineer |
| **Company Name** | Walmart |
| **Email** | Anusha@walmart.com |

## 5.  Waseem Akram

| |
|---|

| **Professional Summary** |
|---|
| • **Waseem Akram – Mainframe Application Programmer Analyst** |

| **Education** |
|---|
| • **Bachelor of Commerce, The University of Punjab, Pakistan** |

| **Professional Experience** |
|---|

**Blue Cross Blue Shield of IL, Chicago, IL**
**December 2022 to Present**
**Sr Mainframe Developer**
**Responsibilities:**

- **Experience designing and developing Mainframe batch programs using COBOL, DB2 SQL, Easytrieve, MQ SERIES, ISPF JCL, and other utilities such as SYNCSORT ETC.**
- **Create regression test plan to make sure production version of all documaker resources are not impacted, and to make sure existing COBOL program functionality is not disturbed.**
- **Experience with online development using CICS, IMS DB/DC, PSBs, and SSAs.**
- **Managed the successful release of various IBM mainframe storage management software products, including CICS/VR, z/OS DFSMS, z/OS BTLS, and z/OS NFS.**
- **Create, modify and unit test COBOL/DB2 and COBOL/VSAM programs as needed based on the requirements.**
- **Prepare Test and Production ACNTLs, JCLs and Procs, and conduct unit testing and system testing as required.**
- **Create complex SQL queries as and when required.**
- **Edit XML files using XMLSpy to mock the data for UNIT testing the forms.**
- **Experience with change control methodology using SERENA CHANGEMAN.**
- **Gather the requirements by scheduling recurring meetings with the business SMEs.**
- **Used COBRA tool to perform regression testing and Mobius testing for large number of changes and forms.**
- **Run Item Descendants Reports to find out if a resource is shared between the projects before elevating the project to production.**
- **Support release managers with the code migration until the code changes are implemented in production.**
- **Conduct post elevating testing for all the forms once the elevate is complete to make sure all the changes are moved to production region.**
- **Schedule meetings with Project Team and Quality Assurance team to determine the efforts, limitations, technical constraints, timelines, costs involved in implementing the business request.**
- **Attend daily Scrum standup meetings and provide status of the projects in the meetings.**

- Create project tracking spread sheets and update tracking sheets with the daily task start and complete dates.
- Attend weekly problem-solving meetings and discuss the solutions for the problem cards for the Special Line rate revision projects.
- Review the stakeholder document in SharePoint site for all legal and non-legal forms and provide feedback to the business users.
- Creation and maintenance of mainframe execution JCL (jobs) to support the System integration testing, User acceptance (UAT) and Production environments.
- Responsible for the Unit Testing the code designed and developed by me.
- Create detail design documents and unit test plan documents for COBOL/VSAM, COBOL/DB2 program changes and for forms for Special Lines rate revision projects.
- Coding, testing and debug programs from the internal design specifications using COBOL JCL for Batch applications and CICS for Online Applications.

**US Bank, Milwaukee, WI**
**August 2021 to November 2022**
**Sr Mainframe Developer**
**Responsibilities:**

- Involved in full project life cycle Requirement Analysis, Design, Coding, Testing, Debugging and Implementation phases.
- Designed and developed the new batch programs using COBOL, DB2, JCL and VSAM.
- Develop mainframe applications including new & existing application development, maintenance and enhancement for various projects using COBOL, JCL, PL1, VSAM, DB2 and CICS.
- Created store procedures using SQL queries to get review information from web and Database.
- Monitored and ran batch jobs on request for rollover of accounts.
- Performed debugging, unit testing, Integration testing and system testing for the developed components.
- Implemented encryption on both sequential files and database and worked on data Ingestion from mainframes to different platforms.
- Scheduled Jobs, Prepared Job flows, System, and Integration test plans. Involved in Co-ordination with offshore team and review of deliverables.
- Developed and enhance programs which deals with MQ's and IMS trigger monitor transaction where services, messages are exchanged in XML and COBOL.
- Experienced in creating DB2 stored procedures using languages like COBOL.
- Worked on DB2 tables and batch jobs to load the data from different source.
- Ensure that the project documentation is maintained as per the Project Life Cycle and all documents are version controlled and maintained.
- Involved in defect prevention and quality assurance for both development and testing.
- Analyzed root cause of recurring issues and take measured steps to proactively manage the resolution.
- Experience in designing and developing Mainframe batch programs using COBOL, DB2, VSAM and JCL.
- Experience with online development using CICS.
- Implemented the prepared environment setup for application and worked on both file and DB2 to setup the data.

- Project Management activities including timelines, cost, change requests, status gathering from all impacted teams etc. with using Software Development Life Cycle (SDLC) Methodology
- Allocate hours between onsite and offshore resources and work on capacity planning for work assigned to development team for different projects.
- Monitor SLA adherence for production support tickets and development projects for number of defects, on time delivery and estimation accuracy. Resolve system defects and abends.

**Capital One Bank, Mclean, VA**
**June 2018 to December 2021**
**Sr Mainframe Developer**
**Responsibilities:**

- Experience designing and developing Mainframe batch programs using COBOL, DB2, SQL, Easytrieve, MQ SERIES, ISPF JCL, and other utilities such as SYNCSORT ETC
- Experience with online development using CICS, IMS DB/ DC, PSBs, and SSAs.
- Offshore and Onsite coordination and facilitation to the entire team to develop new interfaces as per technical specification and handling the deliveries without any defects.
- Managed the successful release of various IBM mainframe storage management software products, including CICS/VR, z/OS DFSMS, z/OS BTLS, and z/OS NFS.
- Developed stored procedure based upon the REST API call services from the user interface.
- Promoted to Associate, Advisory, and Senior levels; attained IBM Senior Project Manager Certification.
- Facilitate offshore team with code review, design review and test plan review with client team and getting all necessary approvals for implementation of project as per change management guidelines.
- Experience with change control methodology using SERENA CHANGEMAN. Project Management activities including timelines, cost, change requests, status gathering from all impacted teams etc. with using Software Development Life Cycle (SDLC) Methodology.
- Responsible for code reviews and Unit Test Documents Reviews.
- Hands on experience on IBM tools like File Manager, Fault analyzer, Xpediter IBM debugging tool (both online and batch).
- Develop/Modify complex programs with mainframe technologies COBOL, CICS, IMS and DB2.
- Involved in the data architecture meetings to create physical data models and worked extensively with DBA teams. Involved in the optimization of DB2 queries.
- Executing Work requests which involves analysis, coding, testing, and implementation.
- Worked on Production support issues (P1, P2 and P3) and User Support Logs (USL's) and delivered within SLA.
- Created external DB2 Stored procedures so that mainframe data can be put to Java UI using JDBC connection for creating dashboard.
- Hands on experience with Endeavour tool to manage the source code.
- Able to write sort JCLs based on the requirement.
- Able to write Easytrieve programming based on client requirement.
- Involved in high level sizings and estimates to complete work assignments.
- Involved in Disaster recovery, Release management process and integration cycle support.
- Able to analyze the issues based on dump available in Fault Analyzer.
- Able to work independently on any escalated/critical production issues.
- Performed unit testing, Integration, UAT testing for developed source code.

- Hands on experience on IBM tools like File Manager, Fault analyzer, Xpediter IBM debugging tool (both online and batch).
- Allocate hours between onsite and offshore resources and work on capacity planning for work assigned to development team for different projects.
- Develop code using Mainframe and DB2 as per signed off requirement document from clients.
- Monitor SLA adherence for production support tickets and development projects for number of defects, on time delivery and estimation accuracy. Resolve system defects and ABP abends
- Responsible for tracking key project milestones and meet the project deadlines.
- Responsible for teamwork assignments, directing and monitoring work efforts daily, identifying resource needs, performing quality review; and escalating functional, quality, timeline issues appropriately.
- Using Endeavour tool to manage the source code.
- Gathering Requirements for SSCR (small enhancements) formally document them in project repository
- Updated Project action plan, Detailed Requirements Specifications, Impact Analysis, File Specifications, System Run Chart (flow chart), Data Base Requirements, Program Specifications, Operation Manual, Program Development, Coding, Unit Test Plan, System Test plan, Inter System Test plan, Implementation plan, Post implementation check and User rating
- Worked on approval and funding of a solution, resource will assist with the project implementation, overall technical architecture design leadership for implementation
- Worked on Detail system design and implementation.
- Writing sort JCLs based on the requirement.
- Monitoring and running batch jobs on request for rollover of accounts.
- Worked on multiple fast paced projects in different development phase simultaneously.
- Perform Impact analysis through Endeavor scans and identify impacted elements.
- Identify solution and prepare design documents.
- Conduct Design walkthroughs and obtain sign-off from stake holders.
- Monitor the defects logged in Rational Clear Quest and document resolution.
- close relevant TSRM incidents and track the status of open incidents
- Resolve Application Outages and ensure application availability.
- Prepare Implementation and Backout plans for SSCR and Projects.
- Prepared Deployment Plan, Location document for the Releases.
- Provided 24/7 production support to Mainframe system, which includes support during night batch run, providing temporary fix to JCL's during batch abends to avoid delay.

**Geico, Chevy Chase, MD**
**August 2016 to May 2018**
**Mainframe Developer**
**Responsibilities:**
- Preparing High level design specifications and reviewing low-level specification document
- Performed chain testing, System Testing, Mainframe Quality Assurance Test results for each release
- Provide inputs for project Estimations, doing impact analysis.
- Interacting with clients to discuss business requirements.

- Participating in design discussion meetings with Upstream/downstream partners.
- Understand the requirements/enhancements, analyze the existing functionality.
- Organizing meetings to discuss design solutions.
- Extensively worked with DB2 database Teams. New tables were created/old were modified to include some additional fields.
- Once the technical design was reviewed and approved, we start working on the tasks.
- Developed COBOL, DB2, CICS programs.
- Prepare scripts, test plans & test data, Conduct unit, integration and regression testing.
- Participating discussions with QA regarding test cycles and providing inputs to QA.
- Monitoring the batch cycle and required to fix the abends and make sure that cycle completes within the timeframe.
- Performed Technical Specifications documentation, Coding/Testing, unit test plans and Chain and System test support
- Prepare & Review JCL, test plans & test data, Conduct unit, integration and regression testing.
- Responsible for Defect tracking and resolutions.
- Release support and release scheduling review.
- Participate in daily offshore/Onsite status call.
- Monitoring the production batch cycle and respond and act if any abends.
- Respond to the calls from the batch services team and answer queries.

**IBM (Multiple Accounts), NYC**
**October 2013 to May 2016**
**Jr. Mainframe Developer**
**Responsibilities:**

- Modifying and Incorporating security requirements into the application design.
- Coding a brand-new COBOL-DB2 batch programs, COBOL-DB2-CICS-IMS DB online programs for enhancement project using agile development methodology.
- Preparing High level design specifications and reviewing low-level specification document
- Understand the requirements/enhancements, analyse the existing functionality.
- Organizing meetings to discuss design solutions.
- Researches, designs, develops, configures, integrates, tests and maintains existing and new business applications and/or information systems solutions including VSAM file processing through integration of technical and business requirements.
- Interacting with technical as well as business clients to understand requirements and creating technical design documentation.
- Coding & Unit testing processes in a timely manner. Includes creating test cases too.
- Creating tools to fasten implementation and reduce manual errors.
- Mentoring new team members enabling them to settle faster in the project.
- Weekly production support activities to support project applications.
- Maintenance of CICS web services (CWS) between applications - PMP, LAWS, CWS and SHAW.
- Updated COBOL code and tested the modified code using SOAPUI.
- Created test plans and test cases.
- Participated in meeting with all stakeholders to discuss about the unresolved issues and the progress of the effort by each affected team.

- Used SOAPUI as testing tool for CWS. Created projects, service requests and reviewed the service responses.
- Built JCL for production jobs and utilities.
- Edited JCL jobs and resolved errors when necessary.
- Worked in Incident management, Problem Management, Change management functions in Service management
- Deliver new and complex high-quality solutions to clients in response to varying business requirements.
- Responsible for managing scope, planning, tracking, change control, aspects of the project.
- Translate customer requirements into formal requirements and design documents, establish specific solutions, and leading the efforts including programming and testing that culminate in client acceptance of the results.
- Responsible for conducting Weekly Status Meeting, CAB Approvals, Development, Implementation and Testing of the complete business solutions using Mainframe - COBOL, JCL, DB2, SQL, IMS-DB, CICS & Web/ETL technologies.
- Involved in many project level activities like documentation of few processes involved in the project.
- Understanding the requirements as per Business Requirements Design document (BRD).
- Communicating and coordinating with the Team Member for technical, functional and task related activities.
- Ensure completion of authorized Service Requests, Changes, and Problem tickets. And recommend operating system and database performance monitoring, tuning and configuration changes. Using DB2, COBOL, VSAM, and JCL.
- As per role I will work mainly in with User queries. These queries will come to our mailbox and we will rectify those queries and respond back to the user with resolution.
- Working with programmers to ensure proper understanding of program goals to assist, when needed, with debugging of programs, complex coding requirements, and proper use of scripting language.
- Performed UAT, regression and integration testing for various functionalities.
- Enhanced and maintained DB2 programs.
- Conducted production support, testing and maintenance of daily activity.

| Reference 1 | |
|---|---|
| **Name** | Kamal Kapoor |
| **Designation** | Quality Analyst |
| **Company Name** | BCBS |
| **Email** | Kamal.k@blueshieldca.com |

| Reference 2 | |
|---|---|
| **Name** | Priyanka Sharma |
| **Designation** | Lead Developer |
| **Company Name** | BCBS |
| **Email** | Priyas@blueshieldca.com |

| Reference 3 | |
|---|---|
| **Name** | Kris Devis |
| **Designation** | Project Manager |

| Company Name | BCBS |
|---|---|
| Email | kris@blueshieldca.com |

## 6. Umair Saleem

| Umair Saleem – Mainframe Application Programmer Analyst |
|---|
| **Professional Summary** |

- Experience with around 8+ years of experience in developing, maintaining, and supporting the mainframe application.
- Extensive experience in design, coding testing, and implementing in COBOL, JCL, CICS, IMS DB, IMS DC, DB2, and VSAM.
- Provided primary support for reported problems related to CICS, MQSeries, Webservices, and related OEM software products.
- Extensive experience in analysis, design, development, testing, UAT, and deployment cycles of mainframe development.
- Performed pivotal roles to improve the efficiency of the mainframe team as well as the business operations.
- Proposed solutions for performance improvement and got an appreciation for the same.
- Working directly with business users and understanding their requirements from the new system.
- Represented business flows, using Activity Diagrams, and Data Flow Diagrams (DFD) using MS Visio for Automotive and Manufacturing Application for use post-implementation of the project.
- Ability to get along with the team well and can handle client issues at all stages of the development process.
- Excellent communication skills with an ability to build professional relationships with peers and superiors and work comfortably with both business and technical professionals.
- Domain expertise in Automotive and Manufacturing.
- Experienced in Agile and Waterfall model of SDLC.

**Professional Experience**

Northern Trust Bank, Chicago, IL
**September 2021 to Present**
**Sr Mainframe Developer**
**Responsibilities:**

- Experience with development using CICS, IMS DB/ DC, VSAM, DB2, JCL, VSAM, PSBs, and SSAs.
- Involved with the team in code review, design review, and test plan review with the client team and get all necessary approvals for implementation of the project as per change management guidelines.
- Experience with change control methodology using Changeman.
- Preparing High level design specifications and reviewing low-level specification document
- Performed chain testing, System Testing, and Mainframe Quality Assurance Test results for each release
- Project Management activities including timelines, cost, change requests, status gathering from all impacted teams, etc. with using Software Development Life Cycle (SDLC) Methodology.

- Hands-on experience on IBM tools like File Manager, Fault analyzer, Xpediter IBM debugging tool (both online and batch).
- Develop/Modify complex programs with mainframe technologies COBOL, CICS, IMS, and DB2.
- Involved in the data architecture meetings to create physical data models and worked extensively with DBA teams.
- Experience in writing Easytrieve programming and sort JCLs based on client requirements.
- Involved in high-level sizings and estimates to complete work assignments.
- Involved in Disaster recovery, Release management process, and integration cycle support.
- Able to analyze the issues based on the dump available in Fault Analyzer.
- Able to work independently on any escalated/critical production issues.
- Performed unit testing, Integration, UAT testing for developed source code.
- Hands-on experience on IBM tools like File Manager, Fault analyzer, Xpediter IBM debugging tool (both online and batch).
- Provided day-to-day mainframe COBOL DB2 development, maintenance & production support on a 24x7 environment.
- Develop code using Mainframe and DB2 as per signed-off requirement document from clients.

**Accenture (Worked for Various Customers), Seattle, WA/ Plano, TX /Arlington, VA**
**November 2014 to August 2021**
**Sr Mainframe Developer**
**Responsibilities:**
- Extensive hands-on experience on IBM Mainframe Application programming.
- Experience working in the domain of License application management information systems.
- Prepared design review document and implemented a program to communicate between two servers using FTP.
- Designed, developed, and enhanced batch and online programs in COBOL/ CICS.
- Develop mainframe applications including new & existing application development, maintenance, and enhancement for various projects using COBOL, JCL, PL1, VSAM, DB2, and CICS.
- Performed code reviews, Involved in test case reviews along with business and QA teams.
- Developed a system on the MVS operating system using IMS DB/DC, DB2, Easytrieve, CA7, and Endeavor.
- Experience in development for enhancements and major initiatives on the ALS platform.
- Customized COBOL programs and DB2 database for integration of insurance policies and trading accounts for customer index functionality.
- Worked on new DB2 tables and batch jobs to load the data from different sources and perform component bind to load data from the database into files.
- Performed UAT, regression, and integration testing for various functionalities.
- Prepared technical specification and unit specification document-based client business requirements.
- Procedures, Endeavor, IBM Utilities, FTP, HTML, Changeman, Panvalet, MQ Series.
- Experience in maintaining Natural Authorized Services Manager and Roll Server Manager.
- Involved in grooming up offshore team members with business and technical knowledge, designing BAU functional changes, DB2 performance tuning, Coding, Testing, and Attending Quality audits.
- Performed debugging, unit testing, Integration testing, and system testing for the developed components.

- Designed for COBOL and mainframe application to process automation, APIs, web services, and managed code models that support composite application delivery.
- Involved in defect prevention and quality assurance for both development and testing.
- Analyzed root cause of recurring issues and take measured steps to proactively manage the resolution.
- Worked on application latency issues by performance tuning and understanding Mainframes (z/OS) memory utilization.
- Used Xpediter provided debugging tools for COBOL, CICS, and DB2.
- Prepared Unit Test Plans for these programs and Unit testing the programs.
- Involved in creating packages and web forms for requesting to execute the UAT/Stage packages with Endeavor source code management tool.
- Code walk-through of the programs as per the standards.
- Involved in IMS to the DB2 migration process.
- Excellent working knowledge in Core Application design, Development, Testing, and Production support. Developed programs that deal with DB2 and IMS DB. Experience working on developing DB2 Stored Procedures, JCL, online CICS tools, and 7x24 Production supports.
- Experience working in calling other Railroad applications thru CICS Web services
- Ability to multi-task work across different applications.
- Experience working on the project built using the Agile Methodology.
- Involved in the estimated planning, design discussions, and scrum meetings for the project.
- Excellent knowledge of system and integration testing.
- Experience and ability to resolve scheduling and production problems on the Mainframe, Windows, and Distributed platforms.

| Reference 1 | |
|---|---|
| **Name** | Jane Nicolas |
| **Designation** | Product Manager |
| **Company Name** | Northern Trust Bank |
| **Email** | jane@ntrs.com |

| Reference 2 | |
|---|---|
| **Name** | Akash Chaudhary |
| **Designation** | Software Engineer |
| **Company Name** | Northern Trust Bank |
| **Email** | Kamal.k@blueshieldca.com |

| Reference 3 | |
|---|---|
| **Name** | Pratyusha shah |
| **Designation** | Quality Analyst |
| **Company Name** | Northern Trust Bank |
| **Email** | %20Pratyusha@ntrs.com |

## 7.   BIMAL H PANDYA

| Bimal H Pandya – Mainframe Application Programmer Analyst |
|---|
| **Professional Summary** |
| Software Engineer/Programmer/Analyst/System Administrator with 16 years' experience in designing, developing, testing and supporting full life cycle software systems using Unisys A Series mainframe, Unisys 2200 mainframe and Microsoft Windows with Visual Basic, SQL Server, Oracle and Access, Unix.    Strengths include decision-making, design, analysis and creativity.    Areas of expertise include: <ul><li>Migration of LINC Application from Unisys Mainframe to Sun Solaris Platform with Oracle PL/SQL.</li><li>Unisys System Administrator on DORADO 2200 Mainframe, LINC (EAE) on Mainframe.</li><li>Generic Data Migration (ETL) & Alignment Utilities with VB, SQL Server, Access.</li><li>Design, Development & reporting Client/Server applications in VB, Oracle PL/SQL, crystal reports   & Migration from one version of Access to another.</li><li>Analysis & Design & Program Medical Claims Systems, Cash Refund System on Unisys LINC</li><li>Unified Messaging, Interactive Voice Response (IVR) & Wireless Access Protocol (WAP on IIS) in Visual Basic, Access, SQL Server & ASP under IIS Environment</li></ul> |
| **Education** |
| Bachelor of Engineering (Electronics), Bombay University, India<br>Graduation Date: 6/1987<br><br>ITIL Foundation Course, 03/2008<br><br>Course in Object Oriented Programming in C++, Delaware County Community College, PA, USA, June 2002.<br><br>Course in Web Programming in JavaScript, Delaware County Community College, PA, USA, July 2002.<br>Course in .NET at Penn State - Visual Basic .NET, ADO.NET, rational rose UML, C#.NET, ASP.NET, Great Valley, PA, USA, December 2002<br><br>Course in Java at Delaware county Community College, PA, USA, December 2002<br><br>Teller training and ATM training at First National Bank of Chester County, May 2003<br><br>Unisys A Series Mainframe Training in WFL, CANDE, MARC, DMSII, COBOL, ALGOL, LINC (03/1993) |
| **Technical Skills** |

| **Operating Systems** | Windows, Unisys MCP, Unisys 2200, Sun Solaris |
|---|---|
| **Database** | DMSII, Access, Oracle(PL/SQL), Microsoft SQL Server, SQL RDMS for OS2200 |
| **Database Access** | ADO, DAO, RDO, and ODBC, Uniaccess |

| Programming Languages | LINC 17(host based) & EAE 3.3(PC based), MAPPER, Visual Basic 6, COBOL, ALGOL,C++, JavaScript, HTML, Visual Basic .NET, ASP,C#.NET, ASP.NET, Java |
|---|---|
| **Hardware** | PCs, Unisys mainframe A Series(libra), Dorado 2200. Sun SPARC Servers |

## Professional Experience

**July 2014 – Present - Deloitte, Mainframe Developer at State of Pennsylvania, Harrisburg, PA**
   Develop objects with Cobol language on Unisys 2200 mainframe with DMSII database.

**November 2013 - March 2014 - Teletech, Customer Service Representative for Bank of America**
Customer service for Bank of America Model Banking Systems.

**February 2012 - August 2012 - Programmer Analyst -    West Virginia State Auditor's Office, Charleston, WV**
**Environment : Unisys A Series Libra Mainframe, MARC, Cande, DMSII, LINC EAE 3.3, Programmer's Workbench, VISIO, COBOL**
   Responsible for maintaining highly complex LINC Applications EPICS - Payroll System Application & FIMS - Financial Information Management System. Role includes taking care of trouble tickets & researching and documenting complex Process Flows in these apps. Programs were written in LINC & COBOL. Also worked on Java & .NET Component Enabler    for EPICS application.

**August 2005 – June 2009  Unisys System Administrator – DATA CENTER for HUD, Charleston, WV**
**Environment – Unisys DORADO 2200 mainframe, OS 2200 (DCP/OS), TIP, Demand, Batch, LINC (EAE 3.3) – 4GL, RDMS - DATABASE, Editors – IPF (Edit 1100), Executive Control Language, TOCED, Log Analyzer, MFDRPT, FAS, IPF SQL for RDMS Database, SSG, UREP, UDS, STAR**
Responsible for maintaining Unisys LINC application systems for HUD (Housing & Urban Development), upgrading & system administration on Unisys Dorado 2200 mainframes**.**
Responsibilities include Database backup, Source Code backup, Software upgrades & Patches, Migration of Application Releases, Maintaining LINC Runtime environment, LINC Database Management, Batch Runs, Problems in Production.
Fine tuned transaction performance, calculated & quantified cpu performance, increased performance of batch jobs.
      Projects:
Migration of LINC Application from Unisys Mainframe to Sun Solaris Environment Successfully.
Analyzing the existing Tape Process & Inventory, formulating a conversion Process & Converting HICL to HIS98 tapes, Designed & implemented a new Archiving process.
      I was responsible for migrating Unisys 2200 LINC application to Unix LINC (EAE 3.3) Application. Installed PC Environment for EAE 3.3, Configured Environment & generated code onto UNIX (Sun Solaris) box, ironed out all bugs & successfully installed Application, ROC & configured on UNIX and I migrated Data from OS2200 RDMS to Oracle(PL/SQL) on UNIX. The application programs were initiating unix shell scripts to make OS calls.
       Generic SQL Extract program (ETL) to unload data from RDMS / Oracle for data validation process. The data extraction was done by a generic utility which used the metadata information in Unisys RDMS like Table Names, Column Names, Table Indexes etc. On UNIX also a similar utility was written to upload data in Oracle. I also deployed successfully the LINC application.

**March 2004 - March 2005**
**Lead Analyst & Programmer - DEPARTMENT OF SAFETY, Columbus, Ohio.**

**Project: Web Enabling Revenue Management System & other BMV systems on UNISYS OS2200 mainframe, LINC EAE, MAPPER, RDMS.**

Reverse Engineering of existing MAPPER systems and doing analysis/design to develop new Web Enabled systems for Transcript log, Vehicle registration, Case Tracking and Cash Refund System for Revenue Management. Work involves reverse engineering code from the old system, meeting users for new enhancements and architecting & designing & developing new system & unit testing.

Analyze, design, document of MAPPER systems. All the systems have been successfully completed and running in Production. Archiving & Web Enabling of Transaction database System. All the systems are successfully running on SQL database and have all the new features required by the users. Final result: Client is happy about the on time successful completion of the Project.

**May 2003 - March 2004**
**First National Bank of Chester County, West Chester, PA**
**R**esponsible for customer Service duties in the bank. I performed transactions - Cash Advance, cashing checks, Deposits, Withdrawals, dealing with bonds, money orders, travelers checks, settling ATM etc.

**November 2002 - January 2003**
**VERIZON TELEPRODUCTS, West Chester, PA**
Worked on UNIX system in Credit processing and Warehouse Departments.

**October 2002 - December 2002**
**Penn State Great Valley - .NET Course & Project**
Banking System with .NET, .NET Services, VB6 to .NET conversion, ADO.NET development, Windows & ASP development, object oriented programming with .NET.

**May 2002 – December 2002**
**Delaware Community College**
Course & Project in C++, Java script, Java.

**March 2001 - January 2002**
**Software Development Engineer - SIEMENS, Spring House, PA**
**Project: Develop Database Migration Utility (ETL)  using Visual Basic & SQL DMO & T-SQL & Access**
**Environment: Visual Basic 6, Access 97, Access 2000, SQL Server 7, SQL Server 2000, T SQL**

Designed and developed a Database Migration program(ETL) to migrate several Access databases into a SQL Server database. Almost half a gigabyte of data was moved and aligned. Wrote T-SQL queries & converted various data types to move data & align the keys for the data to be ready for an engineering application. The utility was very generic using a metadata table to look up Table names, foreign keys, primary keys and also to mark the state of progress of the migration.

Database manager utility used to define a new project & to convert previous versions of databases like Access97 to Access2000 and altering data & tables to bring databases into their current versions.

**October99 - March 2001**

**Systems Programmer - INFOACTIV, West Chester, PA**
**Project: MESSAGEFINDER (Unified Messaging, IP Telephony, WAP)**
**Environment: Visual Basic 6, MS SQL Server 7, Access, IIS, HDML scripting, Dialogic, Artisoft**
**Visual Voice, Mabry Mail, Dart Mail, DECTALK TTS, Unisys NLSA, Microsoft Speech Recognizer,**
**ISDN, T1 phone lines, WAP Phone, Interactive Voice Response, Intranet administrative**
**application**

Designed and developed a WAP (Wireless Access Protocol) interface for Email access to the unified communication product called **MESSAGEFINDER**.
Developed agent for statistical reporting, wrote SQL queries for reports to access SQL Server database.
I wrote program for Email attachments using Mabry Mail Control and DART mail software.
Worked on Speech Recognition using Unisys NLSA to dial into and listen & understand voice prompts in IVR systems using Microsoft Speech Recognizer. I worked on TTS for email reader over phone using DECTALK text to Speech Engine.
I did development, unit & functional testing of complex IVR application using Artisoft Visual Voice Control and Dialogic D240SCT1 card, ISDN telephone lines and multiple Dialogic Cards.

**Project: Pacific Bell Voice Mail Enhancements for Unisys**
**Environment: LINC, Unisys A Series, DMSII**
Developed and tested features like Out Dialing & Message receiving from Non Subscribers. The programming language was LINC & the database was DMSII on Unisys A series mainframe.

**September 97 - September99**
**Systems Programmer, EMS, West Chester**
**Project:     Development of modules for a medical exam. The programming language was Visual Basic 5 and database was Oracle and also Access versions.**
**Environment: Visual Basic 5, SQL Server, Oracle, Visual Source Safe, Microsoft Serial Communication MSCOMM, C++, Crystal Reports**

I was involved in Development of complex logic for a scheduling module, Assessment Form Creation Module.
It involved usage of Active X components like Tree view, List view, Tab components, Grid control, combo boxes, and image control.
I did design, coding and unit & functional testing of screens. Designed, developed and tested various Seagate Crystal reports.
Used Oracle stored procedures.
Application was installed using WININSTALL. I worked on INSTALLSHIELD for final packaging. Source Safe was used using version control and working ok.
I developed Serial Interface using MSCOMM1 control for serial interface using C++ components.

**Project: IVR for College Registration System**
**Environment: TELACCESS (Visio like interface to define call flows), Unisys A Series**
Coded and tested call flows for College registration System which had a total of 250 call states

approx defined using EMS TELACCESS application.

**Project: NAP (Telephony Project) at Unisys, Malvern**
**Environment: Unisys A Series, NAP, DMSII, A Series Utilities**
I supported Unisys Universal Voice Messaging System.

**January 95 - September 97**
**Consultant, Client: FIRST HEALTH in Salt Lake City, Utah,**
**Employee: Enterprise Messaging Services.**
**Project:    Automated Claims Technology (ACT3).**
**Environment:    ACT3 a LINC based, medical claims processing system on UNISYS A series**
**Mainframe. The programming language was LINC & database was DMSII.**
Developed and tested complex global logic's used to calculate payments for claims.
Wrote and tested reports for loading claim information into library and reading it back.
Integration testing of functional areas like loading claims, claim count and claim pre-certify.

**January 93 – December 94**
**Programmer ANALYST, Tata Unisys (MUMBAI (INDIA), Malvern (PA, USA)**
Analysis, Design, Development of Applications on Unisys A Series Mainframe using LINC 4GL.

**March 92- December 92**
Design Engineer, Microprocessor Controllers for DC Drives

**May 88 – March 92**
**Applications Engineer, Crompton Greaves (India)**
Programmable Logic Controllers (PLC) & Soft Starters for AC Motors

| Reference 1 | |
|---|---|
| **Name** | **Raja Shiva Kumar** |
| **Designation** | Java Developer |
| **Company Name** | DELOITTE |
| **Email** | Raja.k@deloitte.com |

| Reference 2 | |
|---|---|
| **Name** | Louis Wayne |
| **Designation** | Project Manager |
| **Company Name** | DELOITTE |
| **Email** | Louis.w@deloitte.com |

| Reference 3 | |
|---|---|
| **Name** | **Shinduja** |
| **Designation** | Project Manager |
| **Company Name** | DELOITTE |
| **Email** | Shinduja@deloitte.com |

8.   **Sumanth Yasumreddy**

| Sumanth Yasumreddy – Mainframe Application Programmer Analyst |
|---|
| **Professional Summary** |
| **16+ years** of experience in IT industry mainly in development and enhancement of Mainframe projects in **Insurance and Healthcare domains** involving full Software Development Life Cycle. Highly motivated, organized and result oriented IT professional with excellent reasoning and communication skills. Primary career focus has been in managing medium to large Development teams, handling end to end development and testing activities and implementing as well as managing Delivery of excellence. <br><br> • In depth knowledge of the **SDLC as well as STLC in Waterfall, Iterative and Agile methodologies** <br> • Worked on both **distributed and mainframe application development** <br> • Good experience in Implementation and support of large mainframe projects. <br> • Extensive Experience in developing software applications on IBM Mainframe platform using **CICS 5.2, Z/OS 2.2, Z/OS Connect EE 3.0, Z/OS Explorer 3.1.1, Java 64 bit SDK for Z/OS 8.0, DB2 (Mainframe) version 11, IBM ITX tool, Pega V7.3, Java, Spring, AIX LPARS, Data power, , ETL, JSON, API Gateway, , COBOL, MVS, JCL, DB2, CICS, VSAM, NATURAL, FILEAID, PANVALET, CHANGEMAN, ENDEVOR, TSO/ISPF, MQ SERIES, CICS WEB SERVICES, SAS, SOAPUI, ASSEMBLER, Data power, .NET, JAVA** and is well versed with RDBMS like **DB2** and on Windows platform using **C++** , **VB** <br> • Experience in following domains: **P&C, Auto and Commercial Insurance**. Has been playing vital role in various fields, Insurance Business Automation, execution of large size projects. <br> • Extensive experience in creating **DB2 Stored Procedures** using **COBOL** <br> • **Worked on both Waterfall and Agile methodologies** <br> • Experience with **Application Programming Interfaces with RESTful services**. <br> • Experience creating **technical specifications for a Test Driven development** methodology. <br> • Maintenance, testing, performance tuning and implementation of applications. <br><br> • Worked as Mainframe Technical lead in Development, Maintenance, Enhancement and Migration projects using Mainframe Technologies. <br> • Acquired expertise in **PMSC** (Policy Management System Corporation) Insurance products. <br> • Involved in many projects which needs **.Net** and Mainframes changes and have excellent experience in supporting .**Net** team <br> • Involved in Designing documents(Application Flow Diagrams) using **VISIO**, developing the code using version control tools, self-review and Code Walk through, performing defect management and loading the test scripts in **HP Quality Center**, Scheduling the jobs and Monitoring using **CA7** <br> • A part of the Lean deployment team. Have demonstrated the required Lean knowledge, skills and contributions to the project and a **certified LEAN Change Agent.** <br> • **Certified IIW** (Insurance Information Warehouse) trainer. **IIW** is engineered to consolidate data from disparate systems, helping insurers to build a comprehensive and accurate picture of the customer and business. <br> • Worked in real time business applications and took part in activities like system study, design, Functional design, writing program specifications, development, test designing and testing. Involved in, coding and testing phases. <br> • Very efficient in preparing technical Flowcharts and Business logic flows |

- Extensive experience working with **troubleshooting production problems**
- Proficient in obtaining project requirements from user and manager, formulating the requirements into design specs, preparing system specifications, assigning tasks to team members, and tracking project progress
- Self-motivated and enjoy working in a technically challenging environment. Have excellent Communication and interpersonal skills.
- Excellent work ethics, self-motivated, quick learner and team oriented. Continually provided value added services to the clients through thoughtful experience and excellent communication skills.
- Expertise in documentation using MS-Office Tools like MS-Word, MS-Excel, Visio and Power Point.

**Education**

Bachelor's Degree in Computer Science OSMANIA University

Master's Degree in Computer Science Madurai Kamaraj University

**Technical Skills**

| | |
|---|---|
| **Platforms** | IBM Mainframes, Windows |
| **Operating Systems** | IBM OS/390, MVS/ESA, TSO/ISPF, Windows |
| **Langua, ges** | Pega V7.3, Z/OS 2.2, Z/OS Connect EE 3.0Z/OS Explorer 3.1.1, Java 64 bit SDK for Z/OS 8.0, DB2 (Mainframe) version 11, AIX LPARS, Data power, Ab Initio, Java, COBOL, JCL, CICS 5.2, CLIST, REXX, ISPF panel programming, SAS. ADABAS, CICS web services, MQ series, C++, VB, and Natural, Assembly |
| **Databases/Data stores** | MS Access, DB2, Lotus Notes, MySQL, VSAM, GDG files, flat files, DB2 V8.0, DB2 V10.0, Stored procedures, Oracle 10g |
| **IBM Tools** | IBM ITX, QMF, FILE-AID, DBX, DB2MENU, Easytrieve, Fault analyzer, File manager, SPUFI, ABEND AID, SYNCSORT, DUMP MASTER, DB2 MONITOR, SQL, IBM UTILITIES, SAVRS, IBM DB2 Command center |
| **Debug Utilities** | Compuware Xpediter, INTERTEST, Debug |
| **Design tools** | MS VISIO |
| **Version Control tools** | Serena Changeman, PANVALET, LOGBOOK, Endevor |
| **DB2 performance tools** | TOAD, DB2 data studio, PL/SQL |
| **Job Scheduler** | CA7 |
| **General Tools** | Microsoft office Suite Tools, RMS, HP Quality Center, BMS, USD, Test harness, SOAPUI, Fitness. MBC (service desk express), Share point, Beyond compare, Ratabase |
| **Web Related** | XML, Pure XML, XSD, HTML, Data power |
| **Project Management** | MS-PROJECT, QUALITY PROCEDURES, SEI-CMM LEVEL 5. |

| **Professional Experience** |
| --- |

**Mainframe Senior Developer**

| **Project Name : CCAE (Configurable Claims Adjudication Engine)** | |
| --- | --- |
| **Client** | Carefirst – Reston VA |
| **Team** | NextGen |
| **Role/Designation** | Senior Mainframe Developer |
| **Duration** | (07/2017) – till date |

**Environment**:  Pega V7.3, Java, Spring, CICS 5.2, Z/OS 2.2, Z/OS Connect EE 3.0, Z/OS Explorer 3.1.1, Java 64 bit SDK for Z/OS 8.0, DB2 (Mainframe) version 11,
AIX LPARS, Data power, Ab Initio, TDMS, COBOL, JCL, DB2, CICS, VSAM, JES2, XML, Pure XML, MQ Series, MQ Series, , SOAPUI, TEST HARNESS, FITNESS,  CICS WEB Services, , Data power, Rocket, IBM DB2 Command center , MS VISIO, DB2 data studio, Native stored procedures, Assembly

Carefirst's core systems and Claims Processing, **Claims Adjudication Engine** modules Validity and Compatibility, **Eligibility, Benefit Determination,**. This is a **Legacy Modernization** project for multiple **health care providers and Plans**. **REST enable** Mainframe applications Over the past 15 years, Carefirst has made some improvements to their systems, but not significant enough to be in sync with industry standards. **Configurable Claims Adjudication Engine** is one of the critical initiatives that is intended to adjust our systems and processes to the rapidly maturing models of health care and enhanced benefits. This will allow Carefirst to effectively compete in the post-healthcare reform era. As part of this effort we modernize the existing Claims Adjudication Engine, Database and Integrations patterns. This is a Legacy Modernization project for multiple health care providers and Plans. **REST enable** Mainframe applications

*Contributions:*
- Gathering Business requirements and discussion with Clients on clarification of queries

- Reviewing the requirements during cross functional team meetings with business, product and Actuarial

- Proficient in formulating the requirements into design specs, preparing system

  specifications, assigning tasks to applicable teams and tracking project progress
- Preparing mainframe design documents for high level and technical solutions

- Researches and evaluates new and/or alternative solutions and recommends the most efficient and cost effective application programming solution consistent with strategic

  Direction
- Providing technical advice and guidance to the project team

- Involved in Analysis, Coding and testing of the modules using COBOL/ DB2/CICS and VSAM.
- Used Mainframe Expeditor tool to debug programs
- Hands on Experience in EDI transactions including 834, 837.
- Working with DBA's, Data Architect for creations of new DB2 tables for new projects

52

- Work on creating the Design for the NCPS project by coordinating with integrating teams
- Co-ordinate release activities at the time of project deployment to migrate WSDL, WESBIND, COBOL, JCL, DB2 changes to production
- Worked on WGS system that routes claims into queues based on several factors (e.g. like member's eligibility, the type of service being billed, or the place of services billed
- Improved the performance of Database queries.
- Identified the Cause for the Abends using Abend Aid.
- Prepared / Modified the Test Input files using File Aid.
- Worked on DB2 Performance Tuning to improve access paths for tables.
- Developed Assembly language code to design, develop, implement and maintain new IT solutions and changes/enhancements to existing solutions that align with business initiatives
- Worked on and prepared documentation for Coding, Unit Testing, SIT, install Process.
- Unit test changes using SOAPUI, Test harness
- Prepare Test scripts for testing and Create executable unit test cases for the new functionality developed using HP Quality Center.
- Capture the test execution results in HP Quality Center and upload necessary screen shots and results of testing.
- Expertise in SQL and PL/SQL programming, developing complex code units. Experience in data migration/conversation using SQL\*Loader. Experience in Data migration using import and export
- Prepare an RCA (Root Cause Analysis) on all the defects(Defect Management).
- Prepare / identify and execute regression test cases to ensure the new functionality has not affected existing functionality of the system.
- Monitored the Jobs for Post Production Support activities using Ca7 and provided the continuous Primary support to the application Jobs.
- Coded and tested JCL, PROCS  for Batch processing
- Automated day-to-day tasks using REXX, CLIST.
- Worked on Performance Tuning to improve production table spaces scans that will reduce overall CPU and locking consumption
- Used File-Aid DB2 to access data from DB2 and File-Aid for VSAM files.
- Responsible for analyzing, designing, implementing, testing, and maintaining all new flat file, pipe delimited mapping documents and implementation guide.
- Mentored team members on implementation guides standardization, and maintaining mapping practices. Created standard framework for cross references and transaction tracking.
- Write complex queries using SPUFI to perform various operations on DB2
- Maintain and enhance existing client applications and internal systems to improve integration.
- Establish Quality Procedure for the team and continuously monitor and audit to ensure team meets quality goals.

- 

| Project Name : APV Rating | |
|---|---|
| **Client** | Erie Insurance – Erie PA |
| **Team** | APV Rating team |
| **Role/Designation** | Project lead |
| **Duration** | (06/2013) – 07/2017 |

**Environment**:  **COBOL, JCL, DB2, CICS, VSAM, JES2, XML, Pure XML, CA OPS/MVS, ,Natural,  MQ Series, MQ Series, ENDEAVOR, FILE-AID, IDCAMS, Expeditor, Changeman, SOAPUI, TEST HARNESS, FITNESS,  CICS WEB Services, QMF, DB2MENU, Data power, Easytrieve, ASSEMBLER, Fault ana-lyzer, File manager, SPUFI, ABEND AID, SYNCSORT, SAVRS, IBM DB2 Command center , INTERTEST, MS VISIO, DB2 data studio, Native stored procedures, CA7, HP Quality Center, BMS, Share point, Oracle 12g**
**Beyond compare, Ratabase, PL/SQL**

APV rating is the rating engine for Personal Auto team which interacts with front end applications DSPRO WEB and DSPRO legacy in providing the competitive rates. This team works to deliver new and innovative enhancements to the personal auto line product.  Most recently projects include introducing auto product in a new state for the ERIE.  The PAP team partnered with other teams such as the Web team, DSPro Legacy team and several others third party vendors to provide the state of Kentucky with a personal auto product.

The front end of the application is DSweb and DSPRO Legacy where customers and agents can directly obtain quotes and policies. The back end part of the system is legacy application (Mainframe) and caters to the policy management, rating, printing, billing, etc. The front applications interact with backend application using EIG Web service, Data power, Fabric. The PMS Policy Management service stores data and sets up processing for the complete life cycle of an insurance policy. The APV Rating application co-ordinates with Ratabase in arriving at the base rates for all products, states and companies. APV Rating application calculates the rates and passes the data/premium back to the customer. Customers can request for a Quote, NBS (New Business), Endorsement and Renewal.

*Contributions:*
- Perticipating in Functional Requirement Specifications (FRS) and Additional Design Specifications (ADS) meetings  with bussiness teams to get crear understanding between application functionality and business requirements for finding any ambiguity, incompleteness or incorrectness, so that requirements are technically feasible.
- Understanding the complete client requirements and analysing the axisting ADB system to incorporate the changes..
- Performed multiple roles  as a Technical Architect, Technical Lead, Senior Developer proficient in obtaining project requirements from user and manager, formulating the requirements into design specs, preparing system specifications, assigning tasks to team members, and tracking the progress.
- Preparation of high level design HLD document from client requirement
- Preparation of low level design LLD document (Technical Specifications).
- Guiding the development team and resolving their technical & implementtation issues.

- Preparation of test plans including unit and technical assembly testing.
- Development of Batch and Online mainframe modules using java, COBOL, CICS, JCL, Java, DB2, VSAM, UNIX
- Experience supporting an Oracle database accessed
- Experience setting up and managing Oracle 12c/13c
- Created and modified test and production JCLs/Procs / Parms as per the requirements
- Actively used SPUFI, QMF, PLATINUM, STORED PROCS, & DB2 Utilities and involved into SQL Tuning work efforts.
- Performed major role in system and user acceptance testing which entailed developing test cases and scenarios, coordinating and executing tests, and analyzing test results Coordinating and Conducting Unit, System and System Integration testing
- Production Support for the post Implementation changes and documenting all changes and reference material,
- Answering Queries raised by customer/user.
- Adhoc Reporting using DFSORT/ICETOOL and MS Office (Word, Excel, and Outlook).
- Providing fixes for reported program errors
- Qualify delivery, meeting client's delivery dates, adhering to delivery guidelines.
- 
- 

| Project Name : Month End | |
|---|---|
| **Client** | Westfield Insurance Group – Cleveland OH |
| **Team** | Month End Reporting. |
| **Role/Designation** | Project lead |
| **Duration** | (11/2012) – (05/2013) |

**Environment**:  **COBOL, JCL, DB2, CICS, VSAM, JES2, XML, XSD, Lotus notes, MQ Series, ENDEAVOR, FILE-AID, IDCAMS, DEBUG, Changeman, CICS WEB Services, QMF, Natural Easytrieve, Fault ana-lyzer, File manager, SPUFI, ABEND AID, SYNCSORT, IBM DB2 Command center , ASSEMBLER,INTERTEST, MS VISIO, Toad, CA7, HP Quality Center, USD**

The Month-End Process captures premium and loss data as of a point in time or a given time period and passes it on for financial, statutory, bureau, and management reporting.  Deliverables are a mix of detail transaction files, summary files and reports.  The primary business customers are Accounting/Financial Reporting, Actuarial, and Bureau Reporting.

The management reporting systems comprises of those systems that support the internal and financial operations of the company.  Every month the property and casualty premium and loss statistical information is extracted from the policy processing. The information thus collected is processed through various month end systems, which generate company's financial management reports and provides the management with accounting information required to develop the monthly financial statement. The capture of this information allows Westfield not only produce various statutory reports but also supports

the accounting, underwriting, loss and marketing areas of the company.

The property and casualty information with accounting information from general, management and payroll is amassed into the general ledger system to produce the company's financial and annual statements.

*Contributions:*

- Automated the ISO reporting and edit correction process
- Providing support in development, integration, QA and Production environments
- Planned AGOP Project from Rollout to implementation. Resource allocation and Effort (hours) distribution
- Re-designed Reinsurance application, including reporting by state and company. And came up with a new features and attributes for the application.
- Created a knowledge repository for the system specific cross functional training
- Supported capability for adding a new dimension to the formula for earning premium within Month-End that are used in the new model (retrieval, entry, update, display, storage) as needed
- Planned, designed and base lined a unique process of reporting the data in XML format to DMV's which is first of its nature
- Modification to the class block information captured and made available to the actuaries
- Creation of a new estimation tool for Duplicate load library project
- Implementation of a new Loss Experience Adjustment process.
- Expands the transactions in order to provide accurate data for statutory and bureau reporting
- Ensuring that our company's service level agreements (SLAs) are systematically met.

| Project Name : Personal Lines | |
|---|---|
| **Client** | Westfield Insurance Group  Cleveland OH |
| **Team** | Personal lines team. |
| **Role/Designation** | Team lead |
| **Duration** | (12/2010) – (11/12) |

**Environment**:  **COBOL, JCL, DB2, CICS, VSAM, JES2, XML, XSD, Lotus notes, MQ Series, ENDEAVOR, FILE-AID, IDCAMS, DEBUG, Changeman, QMF, Easytrieve, Fault ana-lyzer, Natural, File manager, SPUFI, ABEND AID, SYNCSORT, IBM DB2 Command center , INTERTEST, MS VISIO, Toad, CA7, HP Quality Center, USD**

**Westfield Insurance Group** simplifies personal insurance, a trusted insurance partner with more than 160 years of experience. With the Wespak®, Westfield conveniently bundle home and car insurance policies into one package.  Is one of the largest insurance providers with its headquarters based at Westfield Center in Cleveland, USA. Primary areas of its interest include **personal** Insurance.

Predictive Modeling Homeowners will allow Westfield to address the gap between our pricing mechanisms in place today and the more proactive approach used by many of our competitors. In

addition to attracting new customers, modeling will also assist in retaining our best in-force customers.

The project will implement a true rating plan redesign, including pricing by peril and many new rating attributes.  This new rating model will be used for new business in states where it is implemented. Renewals will use the rating model the policy was originally entered in; The new model for business written after the implementation date and the old model for all other business.

The objectives of Homeowners Predictive Modeling project are:
- Enhance ability to select the right customers
- Offer a more competitive pricing position for the best business
- Improve book of business profile and grow the target market book
- Improve long term and consistent profit potential
- Support Personal Lines strategy to attract Package and Bundled business
- Enhance pricing methodology and potential to price by peril
- Prevent adverse selection
- Improve overall Personal Lines retention
- Provide stability for our customers since pricing changes will be moderate in nature
- Lower average loss costs
- Provide opportunity to enhance Product coverage at an affordable price
- Improve effectiveness of pricing, marketing, and underwriting strategies
- Improve our ability to react quickly to a ban on Credit Based Insurance Scores, and
- Improve our overall ability to build, implement, and maintain predictive models, to the benefit of the entire organization.

*Contributions:*

- Implementation of a new rating plan, including pricing by peril and many new rating data elements and rating attributes..
- Support capability for new rating data elements and rating attributes that are used in the new model (retrieval, entry, update, display, storage) as needed.  This includes construction information, fire risk information, applicant/spouse/co-applicant information, billing information and household information.
- Modification to the actuarial information captured and made available to the actuaries.
- Creation of a rating worksheet
- Implementation of a new Loss Experience Adjustment process.
- Development of an automated rate upload process.
- Planning a) Project (Pilot/Rollout) implementation schedule, b) Resource allocation and Effort (hours) distribution.
- To oversee and adhere to quality standards of SDM (software development methodology) by
- Continuously documenting project's quality process requirement.
- Updating project's application development process documents and preparation of check lists.
- Making process improvement recommendations by implementing six sigma process audits.
- Ensuring that our company's service level agreements (SLAs) are systematically met.

| **Project Name : PL Quantum** | |
|---|---|
| **Client** | ST. PAUL TRAVELERS, Hartford , CT |
| **Team** | Commercial Lines Team |
| **Role/Designation** | Technical team lead |
| **Duration** | (02/2009) – (12/10) |

**Environment**:  COBOL, JCL, DB2, CICS, VSAM, ENDEAVOR, FILE-AID, IDCAMS, Expeditor, Changeman, Natural, QMF, DB2MENU, Easytrieve, Fault ana-lyzer, File manager, SPUFI, ABEND AID, SYNCSORT, SAVRS, IBM, INTERTEST, MS VISIO, HP Quality Center, USD

Quantum is an Auto Pricing Enhancement Project. It is the refinement of the premium process used for pricing. It is a new automobile rating structure that will be implemented by the Personal line business with initial implementation as a week pilot in office 948 followed by full implementation in the state of TN. State rollouts will proceed through out following year on a monthly basis according to Quantum State Rollout Plan. This project was aimed at rewriting the existing Auto rate quote application software, in order to collect more information.Also, it involved replacing the existing VSAM file data read programs to a dynamic DB2 data read modules in order to enhance quick data updates.

*Achievements:*

- Awarded as the best Lead of the project for my contribution in implementing critical projects and leading the new Development team in successful project execution in Nov 2010.

*Contributions:*

- Conduct technical software feasibility study of the new proposed enhancements to the existing TSO batch applications.
- Design, review new software algorithms to enhance the software productivity of the existing systems.
- Preparation and review of analysis document, low level design specifications, development specifications.
- Prepare technical flow design diagrams using MS Visio tool.
- Design and development of COBOL batch jobs as a part of conversion tool to load the KSDS VSAM file data into DB2 database.
- Debug existing application program using Debug tool on both TSO platforms.
- Planning a) Project (Pilot/Rollout) implementation schedule, b) Resource allocation and Effort (hours) distribution.
- To oversee and adhere to quality standards of SDM (software development methodology) by:
    - Continuously documenting project's quality process requirement.
    - Updating project's application development process documents and preparation of check lists.
    - Making process improvement recommendations by implementing six sigma process audits.
- Ensuring that our company's service level agreements (SLAs) are systematically met.

**Accomplishments**

➢ Appreciated for outstanding performer in spearheading the design, Implementation and testing of an AR181 and Memo letters that helped in improving the process and greatly improving the clarity in premium calculations.

| Project Name : WCAR: Workers Compensation Accounts Receivable | |
|---|---|
| **Client** | Fidelity Information Services, New York |
| **Team** | WCAR |
| **Role/Designation** | Lead Developer |
| **Duration** | (03/2007) – (01/2009) |

**Environment**:  **COBOL, JCL, DB2, CICS, VSAM, ENDEAVOR, FILE-AID, IDCAMS, Expeditor, Changeman, QMF, DB2MENU, Easytrieve, Fault ana-lyzer, File manager, SPUFI, ABEND AID, SYNCSORT, SAVRS, IBM, INTERTEST, MS VISIO, HP Quality Center, USD**

*Contributions:*

- Interaction with Client and team for getting the detailed requirements.
- Analyzing the business requirements and preparing the technical Specs, Coding, Reviews, Test data preparation, Testing and delivery.
- Perform complete Impact Analysis for the system and document the same.
- Estimation of work
- Involved in the information gathering with clients and study of requirements
- Analysis and Design preparation
- Development of the code
- Release of the work in Production
- Planning and allocation of work, estimating the effort needed to develop the enhancements.
- Provided with the detailed analysis of the requirements and come up with the design that would switch to the new side processing for all the states after the implementation date.
- Responsible for overseeing the Quality procedures related to the project.
- Estimating the effort needed to execute the application.
- Coordinating with business analysts to prepare the design and deployment diagrams of the services.

- Created detailed design specifications based on the requirements and initial business flow model.

| Project Name : Hit ratio Project | |
| --- | --- |
| **Client** | Selective Insurance, Glastonbury, CT |
| **Role/Designation** | Lead developer |
| **Duration** | 11/2006 –02/2007 |

**Environment**:  **COBOL, JCL, DB2, CICS, VSAM, REXX, PANVALET, FILE-AID, IDCAMS, Expeditor, QMF, Easytrieve, Fault ana-lyzer, File manager, SPUFI, ABEND AID, SYNCSORT, INTERTEST, MS VISIO, HP Quality Center, VB, TSO**

The **Hit ratio** program is the project that was a strategic move from Client's company to provide a better Auto insurance pricing range based on the credit score of the prospect. Kentucky and Virginia were identified as Pilot states.

The technical challenge with this project was to interface with a new web component through **MQ Series** messaging interface in order to place the calls credit score reports from a third party vendor software. Also a highly calculative software component had to be developed to transform the credit scores into a pricing segment value, which in turn had to be seamlessly introduced as a new factor for the existing rate calculation engine.

<div align="center">Contributions:</div>

- Responsible for overseeing the Quality procedures related to the project
- Requirement and design specification analysis, as provided by the client
- Designed, developed and implemented the **MQ series** interface program to invoke the web components that triggers the ordering of the credit reports and places the results into the DB2 tables.
- Worked on fabricating **PS** (physical sequential) data file from **DB2** source tables with the new pricing factors using **Cobol** program modules and **JCL.**
- Debug existing application program using **Xpediter** tool on both **TSO** and **CICS** platforms.
- Planning and allocation of work, estimating the effort needed to develop the enhancements.
- Coordinating with business analysts to prepare the design and deployment diagrams of the services.
- Provided with the detailed analysis of the requirements and come up with the design that would switch to the new side processing for all the states after the implementation date.
- Responsible for overseeing the Quality procedures related to the project.
- Conducted detailed feasibility study over the CICS application response times due to the newly added overhead of the DB2 calls.
- Creation of the design specification document based on the requirements provided by the client.
- Developed Cobol programs to call the new **DB2** fetchable modules to retrieve data from the DB2 tables.
-

**Project Name : Predictive modeling**

| | |
|---|---|
| **Client** | Selective Insurance, Glastonbury, CT |
| **Role/Designation** | Sr software Engineer |
| **Duration** | 03/2004 –10/2006 |

<u>Environment</u>:  **COBOL, JCL, DB2, CICS, VSAM, REXX, PANVALET, FILE-AID, IDCAMS, Expeditor, QMF, Easytrieve, Fault ana-lyzer, File manager, SPUFI, ABEND AID, SYNCSORT, INTERTEST, MS VISIO, HP Quality Center, VB, TSO**

The **Predictive modeling** is aimed at refining the rating process in determining the insured's premium with ever changing rating factors. Predictive modeling is about introducing new Rating Process to the VICS. As part of the new model, the various factors of the policy that are considered to predict accurately the risk involved, are redefined and are now part of the rating process.

Technically this project was involved in converting the CICS screen changes to reflect on to the front end screens using **Stored procedures**, **MQ series** and **complex DB2 queries**.

The various steps involved in identifying the premium of a policy,
- 
- TIER
- SDIP
- Driver Assignment
- and finally rating are completely restructured.

*Contributions:*
- Involved in detailed planning of the scope, risk, execution, monitoring & controlling and closure phases of the project.
- Reviewed existing Business and technical software flow process of a given rollout state and prepared detailed documentation for execution.
- Perform analysis of existing complex technical and business layer algorithms for a given rollout state.
- Preparation and review of analysis document, low level design specifications, development specifications.
- Debug existing application program using **Xpediter** tool on both **TSO** and **CICS**
- Played key role in mentoring and training new associates to analyze, develop and install the new components.
- Planning and allocation of work, estimating the effort needed to develop the enhancements.
- Provided with the detailed analysis of the requirements and come up with the design that would switch to the new side processing for all the states after the implementation date.
- Responsible for overseeing the Quality procedures related to the project.
- Estimating the effort needed to execute the application.
- Coordinating with business analysts to prepare the design and deployment diagrams of the services.

- Using CMM practices to ensure compliance with project processes and quality of deliverables from the development team.
- Created detailed design specifications based on the requirements and initial business flow model.

- An excellent team member with
  - An ability to perform individually as well as ability to work in-group
  - Excellent problem solving with good analytical and programming skills
  - Good time management skills and strong communication skills
  - Hard working and high level of motivation.
  - Quick learner and initiative to learn new technology and tools quickly.

| | |
|---|---|
| **Project Name: Production service support. – MSTAT** | |
| **Client** | Selective Insurance, Branchville, NJ |
| **Role/Designation** | Software Engineer |
| **Duration** | 01/2003 –02/2004 |

**Environment**:  **COBOL, JCL, DB2, CICS, VSAM, REXX, PANVALET, FILE-AID, IDCAMS, Expeditor, QMF, Easytrieve, Fault ana-lyzer, File manager, SPUFI, ABEND AID, SYNCSORT, INTERTEST, MS VISIO, HP Quality Center, VB, TSO**

This area implements multiple programs which involve hundreds of new projects which in turn need development of hundreds of new services to meet the business demand. As a technical lead responsible for development, maintenance and delivery of enterprise business services and re-usable components for SELECTIVE. There are multiple (online, batch and 24x7 apps) which go after enterprise wide data sources (claim, member, plan, product, etc.) and generate reports for customers daily , monthly, quarterly and annually

*Contributions:*
- Coordinating with business analysts to prepare the design and deployment diagrams of the services.
- Developing and review of source code in COBOL, CICS, DB2, JCL, VSAM, DB2 Stored procedures, and Brio
- Providing support in development, integration, QA and Production environments
- Performance tuning of Stored Procedures, SQL queries, CICS transactions, batch JCL to support 24x7 applications..
- Preparing adhoc report requests for business users and providing support to reporting applications
- Preparing project proposals outlining resource and cost effort for offshore and onsite support.
- Planning, tracking and preparing status reports for Project management dashboard (PMO)
- Preparing and reviewing test plans and testing methodologies
- Development of testing tools and macros.
- Resolving production issues at day and night time and even on the phone ensuring minimum downtime to business
- Carrying out defect tracking and defect prevention activities

- Using CMM practices to ensure compliance with project processes and quality of deliverables from the development team.

| Reference 1 | |
| --- | --- |
| **Name** | **Mike Tailor** |
| **Designation** | Software Engineer |
| **Company Name** | CareFirst |
| **Email** | Mike@carefirst.com |

| Reference 2 | |
| --- | --- |
| **Name** | **Wilson** |
| **Designation** | Scrum Master |
| **Company Name** | CareFirst |
| **Email** | Wilson@carefirst.com |

| Reference 3 | |
| --- | --- |
| **Name** | **Divya Reddy** |
| **Designation** | .Net Developer |
| **Company Name** | CareFirst |
| **Email** | Divyar@carefirst.com |

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# Pricing Sheet

**CRFQ DMV24*03 - EXHIBIT A - PRICING PAGE**

| **TOTAL INSTALLATION & DELIVERY COST** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **LOCATION - 5707 MacCorkle Avenue, S.E., Charleston, WV 25304** | | | | | | | | | | |
| **Item Number** | **Quantity** | **Description** | **Unit Price Year 1** | **YEAR 1 TOTAL** | **Unit Price Year 2** | **OPTIONAL YEAR 2 TOTAL** | **Unit Price Year 3** | **OPTIONAL YEAR 3 TOTAL** | **Unit Price Year 4** | **OPTIONAL YEAR 4 TOTAL** |
| 1 | 20,000 (8x2500 hrs) | Application Programmer Analyst Contract Cost for 1 year based on hourly rate | $79.00 | $1,580,000.00 | $86.90 | $1,738,000.00 | $95.59 | $1,911,800.00 | $105.14 | $2,102,800.00 |
| **Tot** | | | | | | | | | | |

## Appendix - Our Qualifications and Competencies

Thank you for extending the opportunity to engage in business with *The West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV)*. Clovity Inc (Clovity) is delighted to submit our response to the Request for Quotation (RFQ) titled *"CRFQ DMV2400000003 Mainframe Application Programmer Analysts"*. This RFQ entails supplying temporary employment staffing for the specified position outlined within the document. Clovity is a distinguished company in the fields of *IT and Non-IT staffing, Recruitment services, and Healthcare*, holds numerous awards and certifications. With over 15 years of industry experience, we have been delivering exemplary Non-IT and IT staffing solutions and recruitment services to both public and private entities since our incorporation as a California corporation in 2008.

Clovity is a matured IT staffing company certified and recognized as **Fast 50 and Fast 100 Asian American Business** as well as **placing on the Inc. 5000 3 times in a row 2021 to 2023** with over **15+ years of experience** in providing IT Staffing Services to government agencies. Incorporated in 2008 in California as a Corporation, we have been successfully serving huge customer base with high level of customer satisfaction on over 120+ contracts.

We have been successfully serving a huge customer base with a high level of customer satisfaction on over 55+ contracts. Clovity is a *Microsoft Gold Partner, Atlassian Solution Partner & CIO Magazine Top Growth IoT Platform & Solution Provider*, enabling global Fortune 500 and high-growth mid-market technology enterprises with fully integrated connected device-to-cloud-to-enterprise integration solutions.

For more than 15 years, Clovity divisions have been providing support in, *Staff augmentation, Recruiting, Temporary and Permanent staffing, professional services and general services* in software development across all stages of the SDLC, as well as project management.

- We work effectively in both the *private and public sectors* and have successful placements with *States, Government Organizations, and Enterprise companies.* Our goal is to continue to provide *top quality resources and competitive pricing* for our clients across the US which has made us extremely successful. *Our screening and sourcing methodology* are one of the most robust in the industry for a company of similar size, while many of our competitors are just sending over random profiles that has just a keyword match to a job description.

- We want our clients to have confidence when they are reviewing our candidates that they are the best in the market. We aren't going to send anyone we find, just the best ones, which will ensure our clients manager spend time focused on candidates that are a strong fit and a good usage of their time.

- Clovity Inc is already providing similar services to the many Public Sector Entities which are: *State of MA, State of Florida, State of California, State of Minnesota, Judicial Council of California, State of Maryland Judiciary, University of UC Davis, Rochester Housing Authority, New York* and Private Sector Entities like *Blue Sky Therapy, Core well Health (formerly Beaumont/Spectrum Health), Autumn Lake (Health Care), CVS Health, CHR – Consulting Services Inc etc*. At the

beginning of this year, *we were honored with 7+ staffing awards and secured contracts similar to The West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV)'s requirement*. We have accomplished successful deliveries to *75+ clients in public sector and 50+ in private sector.*

- Clovity Inc has extensive experience of recruiting and screening candidates on similar IT and Non-IT positions, so before submitting resumes to the West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV), Clovity Inc will confirm candidate qualifications including: *technical skills, experience, work habits, interpersonal skills, quality of work performed, etc.*

- Clovity Inc read, understand and comply with the terms and conditions mentioned in the scope of services without proposing any exception to it.

- Clovity Inc assures the West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV) that it is capable to provide the quality trained temporary and permanent employees to the West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV) departments *within few hours of the request*. We conduct *Drug test, reference checks and background checks on all temporary and permanent employees,* adhering to applicable federal, state and privacy protection laws, and ensure THE WEST VIRGINIA PURCHASING DIVISION/ WV DIVISION OF MOTOR VEHICLES (DMV) that we conduct all required background checks of the applicants prior to starting date of assignment.

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### _Awards_

_In 2021, 2022 and 2023, we were ranked by Inc. 5000 List of "America's Fastest Growing Private Companies" (3 years in a row). Clovity Inc has won the "Fast 100 and Fast 50 Asian American Business Excellence Awards" in both 2023 and 2022 along with the "IoT Innovator Award - Best of IoT - Smart Buildings" in 2022. Prior to that, Clovity Inc was selected as 2020 "Emerging Company of the Year for the Enterprise Market" and then again in 2021 as "Global IoT Innovation Vendor of the Year" by IoT Vendor Breakthrough Awards._

**Our Awards / Recognition**
**2021, 2022 & 2023** Inc's 5000 Fastest Growing Privately Held Co's in US
**2022** Gold Winner for Best of IoT – Smart Buildings by IoT Innovator Awards
**2022 & 2023** USPAACC Fastest 50/100 Asian American Business
**2021** CES IoT Breakthrough Award Global Partner
**2020** CES IoT Breakthrough Award Enterprise IoT
**2018 and 2019** CIO Review Top 20 IoT Growth Companies in US

Clovity has made significant investments of its efforts in the IT Staffing sector, positioning itself as a comprehensive solution provider. Our focus extends beyond mere staff augmentation, encompassing project services and both temporary and permanent staffing solutions. This approach reflects our deep understanding of client needs and our commitment to delivering effective solutions.

What sets Clovity apart is our holistic approach to staffing, which acknowledges the unique challenges and opportunities within each vertical we serve. Rather than simply filling positions, we aim to cultivate long-term partnerships by providing exceptional talent that excels in their roles. This dedication ensures sustained success and client satisfaction in an ever-evolving economic landscape.

Clovity's strength lies in our Centre of Excellence leaders and the collaboration between our IT and Non-IT staffing teams. This synergy allows us to offer refined staffing services, tailored to meet the specific needs of our clients. Our proven track record of excellence in both public and private sectors across the US underscores our commitment to delivering top-notch staffing solutions.

In conclusion, Clovity's comprehensive understanding of the IT, Healthcare, and Non-IT sectors, combined with our dedication to excellence and long-term partnerships, positions us as the preferred choice for organizations seeking high-quality staffing solutions.

We are proud to have Received multiple industry awards and recognitions, including IOT solution acceleration, fast 50 Asian, American Business but not limited to, which showcase our commitment to excellence and innovations in Staffing and Services.

**List of Awards Clovity has earned but not limited to:**

| S.no | Name of Award | |
|------|---------------|---|
| 1. | **Cities Summit of America** |  |
| 2. | **The city of Farmington** |  |
| 3. | **50 Most promising CIO IOT Solution Providers** |  |
| 4. | **Fast 100** |  |
| 5. | **Fast 50 Asian American business** |  |

| S.no | Name | |
|------|------|---|
| 1. | **Registered on SAM.gov** |  |
| 2. | **Small Business Enterprise (SBE) Certification** |  |
| 3. | **Inc. 5000** |  |
| 4. | **Certified Asian American Business** |  |
| 5. | **Minority Based Enterprise Certification** |  |
| 6. | **E- Verify** |  |

*Clovity Inc is proposing the services of our highly qualified and experienced project management team comprising a primary Project Manager, Alternate Project manager, Recruitment Manager, Customer Support Executive, and a team of the dedicated domain specified recruiters. This team is also handling the contract with State of MA (EOHHS), State of MN, State of California, State of Maryland successfully. Our dedicated Project Manager will coordinate requests under this contract with The West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV).*
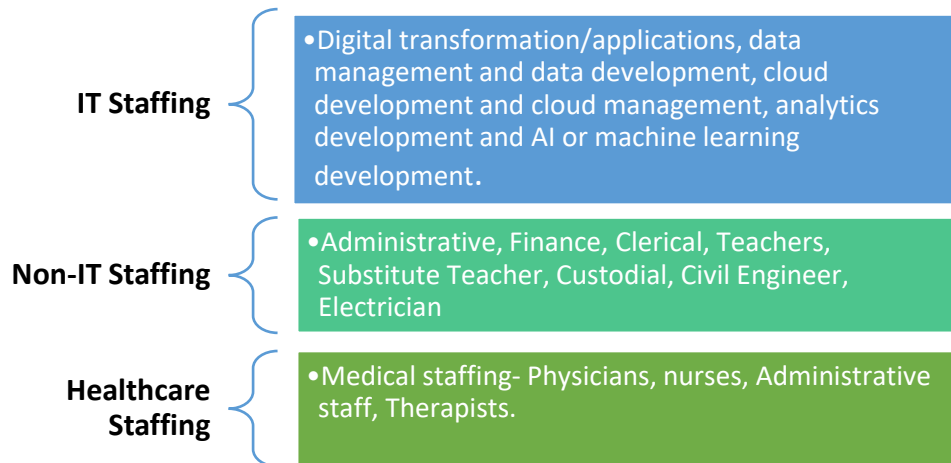
*Clovity Inc is proposing the service of alternate Project Manager who will be responsible for working with the primary Project Manager on The West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV)'s requirement, in case the primary Project Manager is unavailable (due to vacation, leave of absence, attendance at a conference, day off, etc.), all the communication and management of the contract will be managed by the alternate Project Manager without any uninterrupted services.*

## *What Sets Clovity Inc Apart*

➢ **Turnaround Time:** Clovity Inc has a turnaround time of 2- 4 hours per candidate with the advantage of 5 electronic resume bulletin boards - Monster, Dice, Facebook, LinkedIn, Indeed and CareerBuilder.

➢ **E-Onboarding**: We provide you customized onboarding and training programs, which specifically address the requirements. Clovity's automated system Ceipal (ATS) adds another dimension in the onboarding process or specific to each client's requirements.

➢ **Resume Database and domain specified recruitment teams**: We have over 16M highly proficient and experienced candidates out of which around 3M for State of California of various skill level and services in our resume database. We keep updating our resume database to meet the client's immediate requirements.

➢ **Strong Relationship with Multiple States**: We serve the multiple states of United state locally. We are very interested in establishing a strong business relationship with *The West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV)* and have excellent working relationships with several departments within the West Virginia state government. With *similar-sized state-wide staff augmentation contracts*, we currently offer temporary, permanent, recruiting and staffing services.

➢ **Domain Specified Recruitment Team:** Clovity has a team of 120+ recruiters (across levels & domains) with a mix of resourcing background.

➢ **Dedicated Project Management Team:** Clovity's project management approach for handling staffing contracts ensures that contract requirements and goals are well supported. For The West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV), we are assigning a local account management team to ensure the right delivery of services. Our Project Manager (PM) will work closely with The West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV) and on-site staff. This team has valuable insight into the local marketplace and the best strategies to attract and engage quality temporary employees across all skill sets.

## *Client base and areas of specialization and expertise:*

Clovity has made substantial investments in the IT staffing sectors, positioning itself as a comprehensive solution provider. We specialize in delivering a range of services, including staff augmentation, project services, and both temporary and permanent staffing solutions. Unlike many competitors who solely focus on staff augmentation in IT, and Non-IT staffing, Clovity distinguishes itself by possessing a profound understanding of what it truly takes to provide effective solutions to our clients.

**IT Staffing**
- Digital transformation/applications, data management and data development, cloud development and cloud management, analytics development and AI or machine learning development.

**Non-IT Staffing**
- Administrative, Finance, Clerical, Teachers, Substitute Teacher, Custodial, Civil Engineer, Electrician

**Healthcare Staffing**
- Medical staffing- Physicians, nurses, Administrative staff, Therapists.

In contrast to firms that exclusively focus on Recruitment service, Clovity stands out as a partner that comprehensively understands the challenges and opportunities within these industries. We are dedicated to delivering resources that not only meet immediate requirements but also excel in their roles, fostering long-term partnerships with our clients. In an economic landscape where the IT and Non-IT, Healthcare staffing sectors play a pivotal role, Clovity's holistic approach is the key to ensuring sustained success and client satisfaction.

Clovity has achieved consistent growth, expanding by at least 50% year-on-year since its establishment. We have cultivated strong relationships with numerous private and public sector clients, many of whom have been with us since the beginning, serving as reliable references for our work. As a privately owned company without external investors, we have maintained profitability for 17 consecutive quarters, including throughout the challenging years of 2020, 2021, and 2023.

Our business model revolves around providing technical services to both private and public sector industries. With a workforce of approximately 500 employees, we operate both offshore and onshore, often embedding our teams within our clients' locations. This approach allows us to seamlessly integrate with our clients' organizational infrastructure, fostering collaboration between IT and Non-IT teams.

At Clovity, we pride ourselves on our ability to adapt to our clients' unique needs and environments. Our focus is on delivering tailored solutions that address niche requirements efficiently and effectively.

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**The following is an overview of our enterprise's trusted customer portfolio.**



## Our Expertise and Pats Experiences:

Clovity has secured numerous IDIQ contracts, including those with prominent entities such as *the State of Massachusetts, State of Minnesota, and IPHEC for Illinois* within the public sector, to name a few. Recently, we have proudly added *the State of Maryland Judiciary, University of California Davis, School of Philadelphia, State of Florida, Salisbury University, Rochester Housing Authority (New York), Baker Ripley (Texas), and Maricopa County Community College (Arizona)* to our roster of esteemed clients. Furthermore, Clovity is also involved in IDIQ contracts with notable organizations such as *CapitalOne, Best Buy, Blue Cross, Blue Shield of Michigan, Twitter(X), and Square*, among others. We specialize in swiftly grasping the unique needs, culture, and requirements of our clients. Our adaptable approach enables us to promptly accommodate any process, reporting, or contracting specifications, with all facets of Clovity's sales and operations teams aligned to fulfil contract demands.

At Clovity, we prioritize meeting our clients' needs on their terms, never imposing our own agenda. We relish competition and embrace the challenge of vying against other firms to provide our clients with the best candidates and overall value.

Clovity has approximately 500+ employees and contractors that both works offshore and onshore. Many of our teams are located with our clients on site in their locations and blended with recruiting teams. We strive ourselves on our ability to 'blend' in with our clients' existing organizational structure. For years now, Clovity divisions assist with staff augmentation, recruiting, temporary staffing, professional services in software development for all levels of the SDLC as well as project management.

Clovity has and will continue to provide top level resources anywhere in the US or onsite for positions mirroring the requirement of **The West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV)** for the resource such as *Mainframe Application Programmer Analyst* position, we have sourced, managed, maintained, and successfully delivered end to end in the past few years for both public and private sectors. Relying on just one methodology for assisting our client provides too narrow of a scope of where Clovity can assist. By having this multipronged approach, Clovity is exceedingly capable of fulfilling all of the needs set forth by any size client with any sized need. It also affords Clovity greater stability as we are less affected by economic changes that can curtail the size and need in the market for each service.

*Clovity provides its services for the comparable engagements detailed in the CRFQ DMV2400000003 Temporary Staffing Services for Human Resources for the West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV).*

| Public Agency Name | State | Services Provided |
|---|---|---|
| 1.Judicial Council of California | California | Temporary staffing Services |
| 2.Illinois Public Higher Education Cooperative (IPHEC). | Illinois | IT & Non – IT staff augmentation services |
| 3.The State of Florida | Florida | IT, Administrative and accounting services |
| 4.Pre- Qualified Vendor for the State of Florida | Florida | IT staff augmentation |
| 5.California's Air Resource Board | California | Clerical staff augmentation |
| 6. State of Kansas | Kansas | IT Staff recruiting services |
| 7. Rochester Housing Authority | New York | IT and Non- IT Temporary Staffing Services |
| 8. US Army Corps of Engineers | California | Administrative Staff Augmentation |
| 9. State of MA | Massachusetts | Temporary IT Staffing Services |
| 10. Jasper County Sheriff, State of Missouri | Missouri | Temporary personnel services |
| 11. State of Minnesota | Minnesota | Financial employment services |
| 12. State of Michigan | Michigan | Administrative Staff Augmentation |
| 13. University of Utah Health | Utah | IT staff recruiting services |
| 14. San Antonio Water System in Texas | Texas | Temporary staffing Services |
| 16. UC Davis, California | California | IT and Non- IT Temporary Staffing Services |
| 17. School of Philadelphia | Pennsylvania | As needed as Staffing Services for IT and Administrative. |
| 18. Maryland Judiciary | Maryland | Professional and IT staffing services |
| 19. Baker Ripley | Texas | IT Staffing Services |

| Private Agency Name | State | Services Provided |
|---|---|---|
| 1. Capital One | Illinois | Walmart Credit Card Partnership & Others and staffing services |
| 2. Best Buy | Minnesota | Administrative Staff Augmentation |
| 3. Core well Health (formerly Beaumont/Spectrum Health) | Michigan | Temporary IT Staffing Services |
| 4. BCBS Michigan | Michigan | Clerical Staffing services |
| 5. Advanta sure | Michigan | Staff Augmentation |
| 6. Twitter | California | Temporary IT staffing Services |
| 7. Square | California | Administrative Project services |
| 8. Corteva Agri science | Indiana | IT Project Management services |

| 9. *Delta Dental of Michigan* | Michigan | Staffing services |
| 10. *Cox Communications* | Georgia | IT staff augmentation |
| 11. *Sony* | New York | IT Employment services |
| 12. *Gore* | Delaware | IT staff recruiting services |
| 13. *Bremer Bank* | Minnesota | Administrative and accounting services |
| 14. *Woodforest Bank* | Texas | Clerical staff augmentation |
| 15. *Computacenter/Fusion Storm* | California | IT & Non – IT staff augmentation services |

## *Proven Ability to Provide Qualified Services*

Our track record speaks volumes about our proven ability to provide top-tier staffing services tailored to the unique needs of The West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV). With a history of successful engagements across various industries and domains, we have demonstrated time and again our capacity to deliver qualified staffing solutions that exceed expectations. Our expertise extends across a wide spectrum of healthcare, IT, and non-IT staffing. Whether it's developing innovative software applications, implementing cutting-edge IoT solutions, or providing strategic advisory services, Clovity is committed to delivering excellence at every step of the journey. With a track record of successful placements and satisfied The West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV), we have established ourselves as a trusted partner for companies seeking top-tier talent.

Our success is evidenced by the satisfaction of our previous clients, a significant number of whom have chosen to partner with us repeatedly, drawn by the quality and reliability of our services. We take great pride in our ability to comprehend The West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV)' needs, foresee challenges, and provide staff members who yield tangible results. Rooted in a deep understanding of The West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV)' unique needs and culture, our approach to staffing prioritizes close collaboration and attentive listening. By working closely with The West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV), we identify their specific requirements and preferences, allowing us to tailor our recruitment efforts to find candidates who not only possess the requisite skills and qualifications but also resonate with The West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV)' values and objectives

Furthermore, our team consists of seasoned professionals with extensive industry knowledge and technical expertise, guaranteeing the right skills and experience for every project. Leveraging our extensive network and rigorous screening processes, we consistently attract top talent across diverse industries and roles. Whether The West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV)requires temporary staff for seasonal peaks, contract employees for specific projects, or permanent hires for long-term positions, we possess the expertise and resources to meet their needs. Our team of experienced recruiters adopts a proactive approach to candidate sourcing, utilizing both traditional and innovative methods to identify and engage with qualified individuals. We conduct thorough interviews, assessments, and reference checks to ensure that each candidate we present to our clients aligns with their standards of excellence.

## *Vision*

Clovity is driven by its *core values of Excellence, Collaboration,* and *Innovation*. At Clovity, we value partnership with every stakeholder – our customers, employees, investors, vendor partners, and the community in general. We believe in building trust, not just products. Our emphasis on building a community is reflected in all our policies. The entire work culture revolves around mutual respect and a commitment to excellence in our field

**Clovity provides Staffing and Recruiting services in sectors like:** Information Technology, Administrative services, Engineering Staffing for Medical/Healthcare positions and Banking, financial services and insurance (BSFI) positions and many more.

## *Core Competencies*

### 1. Technical Excellence:

We possess cutting-edge capabilities in, ensuring that we stay at the forefront of industry advancements. Our recruiting team is experienced in broad staffing for *Substitute Teacher, Licensed Practical Nurse, Cafeteria Substitute, Customer Service Analyst, School Psychologist, Accounting, Business, Clerical, Construction, Design Authority, Transportation Marketing Coordinator, Software Developer , Senior Administrative Analyst , Project Support Assistant , Network Engineer , Fiscal Staff Assistant III , Electrician II , Civil Engineering Associate , Civil Engineer, Design Services, Engineering, Estimating, Human Resources, Industrial Hygiene, Integration Management, Information Technology, Procedures, Project Controls, Quality Assurance and Quality Control, Safety and Health, Supply Chain Management, Training, and Talent Acquisition roles*.

### 2. Client-Centric Approach:

Our client-centric philosophy places The West Virginia Purchasing Division/ WV Division of Motor Vehicles (DMV) at the Centre of everything we do. We tailor our services to meet unique requirements, fostering long-term partnerships built on trust.

### 3. Proven Results:

Clovity has a demonstrated history of achieving and surpassing project goals. We have successfully *completed multiple projects* similar to the one outlined in the scope of work, delivering on time and within budget. Recently we won 7+ New Contracts in last month, similar to the services described in Scope of work by New Jersey Schools Insurance Group.

Our commitment goes beyond merely supplying staff; we recognize the importance of comprehending the intricate demands and intricacies of the day-to-day operations in IT, and Non-IT staffing environments. By offering a diverse array of services, we ensure that our clients receive holistic solutions tailored to their specific needs. We believe that a deep understanding of the entire IT, and Non-IT staffing ecosystem is paramount for success in these critical sectors.

Drawing on our expertise, we prioritize transparency, communication, and collaboration throughout the engagement process. By closely collaborating with our clients, we ensure that their goals and objectives

are clearly understood, keeping them informed and involved at every stage of the project. Recognizing the significance of speed and agility in today's competitive market, we have developed streamlined processes and efficient workflows. These enable us to swiftly identify, screen, and onboard candidates, minimizing time-to-fill and ensuring prompt and effective fulfilment of our clients' staffing needs.

### *Our Leadership Team*

Our team of professionals is led into each engagement by 3 key executives. **Anuj Sachdeva** is the CEO of Clovity, **Soarabh Gupta** is the President of Clovity, **Chris Medina** is the Chief Strategy Officer and Bhawna Vats is Director, Operations at Clovity. Our leadership continues to drive to bring underserved communities as well as more women into the tech space. Our Modus Operandi is to always bring in diverse backgrounds and opinions as that has only made us more successful. Our current percentage of women in our company far surpasses the average technology company, not to mention having folks employed from **5 out of 7 of the world's continents.**

**Anuj Sachdeva**
**Chief Executive Officer**

**Soarabh Gupta**
**President**

**Chris Medina**
**Chief Strategy Officer**

**Bhawna Vats**
**Director, Operations**

**At Clovity, we are proud to boast a team of qualified and experienced leaders. Below is a list of some of Clovity's team members, but it is by no means exhaustive:**

**Clovity is driven by its core values of Excellence, Collaboration, and Innovation.**

At Clovity, we value partnership with every stakeholder – our customers, employees, investors, vendor-partners, and the community in general. We believe in building trust, not just products. Our emphasis on building a community is clearly reflected in all our policies. The entire work culture revolves around mutual respect and a commitment to excellence in our field.

### *Highlights*

Clovity has grown **at least 50% year-on-year** since its inception and has entrusted several private and public sector full referenceable customers with several of them being long standing customers since its inception, we are privately owned and have no investors and have recorded **17 consecutive quarters of profitability including 2020,2021 & 2023.** Clovity business practice and engagement model provides technical services for Private and Public sector industries. Clovity has approximately **300+ employees** that both works offshore and onshore. Many of our teams are located with our clients on site in their locations and blended with IT teams. We strive ourselves on our ability to 'blend' in with our clients' existing organizational infrastructure, we at Clovity focus on delivering and catering our clients Niche and immediate needs.

*Clovity is a [Microsoft Gold Partner](), [Atlassian Solution Partner]() & [CIO Magazine Top Growth IoT Platform & Solution Provider](), enabling global Fortune 500 & high growth mid-market technology enterprises with fully integrated connected device-to-cloud-to-enterprise integration solutions with the outcome to simplify building your Internet of Things (IoT), Data, Cloud & Digital platforms.*

*In addition to above, we have been awarded the Inc. 5000 award for both 2021, 2022 and 2023.*

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# Thank you