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Header @ 4

List View

General Information

Contact

Default Values


Discount

Document Information

Clarification Request

Procurement Folder: 1381091

Procurement Type: Central Master Agreement

Vendor ID: VS0000045291 

Legal Name: VISH CONSULTING SERVICES, INC

Alias/DBA:

Total Bid: \$5,480,000.00

Response Date: 04/02/2024 

Response Time: 12:59

Responded By User ID: VCS2011CA 

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Last Name: Bindra

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SO Doc Code: CRFQ

SO Dept: 0802

SO Doc ID: DMV240000003

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: 4

Total of All Attachments: 4



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Solicitation Response**

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 ESR04022400000005719	1

VENDOR
 VS0000045291
 VISH CONSULTING SERVICES, INC

Solicitation Number: CRFQ 0802 DMV2400000003
Total Bid: 5480000 **Response Date:** 2024-04-02 **Response Time:** 12:59:36
Comments:

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

Vendor Signature X	FEIN#	DATE
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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			5480000.00

Comm Code	Manufacturer	Specification	Model #
81111600			

Commodity Line Comments: pricing is a total of 4 years

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.

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	65	1300000	67	1340000	70	1400000	72	1440000
Total										

This amount is for evaluation purposes only



RFP Response
RFP ID – CRFQ 0802
DMV2400000003

Vish Consulting Services Inc.

State of West Virginia
Department of Administration
Purchasing Division

Mainframe Application Programmer Technical
Staffing Services



SUBMITTED TO:

David H Pauline
State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130
Phone: 304-558-0067
Email: david.h.pauline@wv.gov

April 02, 2024
01:30 PM EST

SUBMITTED BY:

Vish Consulting Services.
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STE 200, San Diego CA, 92123

POINT OF CONTACT:

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1. Cover Letter

April 02, 2024

Attn: David H Pauline
State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

Subject: Response to State of West Virginia, Department of Administration for “RFP # CRFQ 0802 DMV240000003 - Mainframe Application Programmer Technical Staffing Services”

Dear David Pauline,

Vish Consulting Services Inc. (VCS) is pleased to present State of West Virginia, Department of Administration (State) our response to RFP # CRFQ 0802 DMV240000003 - Mainframe Application Programmer Technical Staffing Services. This response describes VCS's approach to meet the Mainframe Application Programmer Analysts requirement for the State of West Virginia (State) to complement their specific need.

Vish Consulting Services (VCS) is a minority-owned business, headquartered in San Diego, established in 2011 under the State of California as a dynamic consulting and workforce solutions company. With more than 12 years of experience, we specialize in providing Information Technology (IT) Staff Augmentation and Professional Consulting Services to various State, Local, Commercial, Healthcare, and Education Sector Clients across the United States. Our unique industry-based, consultative approach helps our clients envision, build, and run more innovative and efficient businesses. We offer an integrated portfolio of staffing and workforce solutions and service strategies, including but not limited to, **Information Technology and Administration, Healthcare, Pharma, Finance, Digital, IoT, Cloud, Automation, Cybersecurity, Analytics, Infrastructure Management, and Engineering Services.**

We have thoroughly understood all the requirements of the RFP and assure that we will provide skilled staff as per the service requests. We accept financial responsibility for all expenses incurred for oral presentations (if required) and candidate interviews. We also state that we will be responsible to comply with all applicable registration, labor, and safety compliance requirements and will perform all necessary background checks and screenings.

Our goal is to exceed your expectations by providing you the highest quality of staff and competitive rates. We look forward to the opportunity to work with the State. We welcome the opportunity to elaborate further on our proposal and we look forward to working with the team at the State to demonstrate our commitment to your success. We are excited about the opportunity to work with you.

Sincerely

A handwritten signature in black ink that reads 'D Bindra'. The signature is written in a cursive, slightly slanted style.

Dhruv Bindra
President | Vish Consulting Services Inc.
Cell: 916-800-3762 | Email: dhruv@vishusa.com



2. Project Understanding

VCS understands that State of West Virginia Purchasing Division is seeking Mainframe Application Programmer Analysts for its Department of Motor Vehicles division (DMV). We further understand that State is seeking Analysts to develop modifications and enhancements to the mainframe computer systems which are currently utilized by the DMV. We further understand that Application Programmer Analysts should be qualified and have adequate technical experience. We acknowledge that Application programmer Analysts should have at least 2 years of experience in programming in IBM Mainframe, designing and maintaining enterprise level complex COBOL/CICS/DB2 environment. Further, these analysts should have at least 1 year experience in programming with JCL in an enterprise mainframe environment as well as have experience programming in enterprise mainframe database analysis and design; and working with any DMV System. Besides above, our proposed analysts must have at least 6 months of experience using Computer Associates DB2/IBM Tools – RC/Update and PRF. Further, our proposed analysts should have at least 1 year experience working with the federal and/or state legal requirements regarding Commercial Driver Licensing. Also, our proposed analysts would be required to have some understanding or experience working with the American Association of Motor Vehicle Administrators (AAMVA) applications that interfaces with the WV Drivers ‘System. We understand that these applications include the Commercial Driver’s Licensing Information System (CDLIS), the Problem Driver Pointer System (PDPS) and the Social Security Online Verification and the Unified Network Interface as well as knowledge of the State-to-State system with AAMVA.

VCS also understands that our proposed Mainframe Application Programmer Analysts would be required to create and implement modifications to the WV DMV Drivers’ License System to meet the AAMVA CDLIS Modernization Federal requirements that would allow the State to create a clean CDL file (CD31). Further, our proposed analysts would also be required to perform enhancements to the DMV Driver License system such that new ACD codes would be incorporated as required by the Agency. We admit that our proposed analysts would also be required to perform enhancements to the DMV Drivers’ License System to satisfy the requirements of the FMCSA to interface with the WV Court System so that it can be complied with the requirement to all convictions involving a Commercial Driver License holder or Commercial motor Vehicle, and this would need to be added the driver’s record within (10) days from conviction date for compliance with federal law. Further, our proposed analysts would also be required to do enhancements and ensure day-to-day operation of the DMV Drivers’ License System resulting from mainframe system upgrades and new programming requests submitted by DMV. Beyond this, our proposed Mainframe Application Programmer Analysts would be expected to provide daily operational support which includes telephone support to end users, attend meetings, develop and conduct training and troubleshoot problems as they occur. Furthermore, our proposed analysts would also be required to develop code to programmatically meet Federal and State regulatory authorities mandates, which would involve system design, documentation, meeting with agency personnel, system testing and training.

The Solution

To support State’s above mission, VCS will provide 8 Mainframe Application Programmer Analysts who meet qualifications and requirements aspects of the role. For now, we are attaching 4 profiles of Mainframe Application Programmer Analysts along with their resume.

- Harry Avanesian



- James Randolph
- Thomas J Demis
- John Case

2.1. Brief Summary of Proposed Candidates

Harry Avanesian

With over 40 years of experience in the Insurance industry, specializing in Property and Casualty Underwriting and Claims processing, Harry possess extensive expertise in Mainframe and AS400 environments. His managerial skills are evident in my ability to identify priorities, multitask, and foster team collaboration. Harry excels in the software implementation lifecycle, from requirements analysis to application design and support. At Cognizant (Travelers ins.), he managed a decommissioning project, modified COBOL IMS, and Assembler batch codes, and conducted client meetings. At Walmart/Sam's, he contributed to a mainframe conversion project, collaborated with system programmers, and validated COBOL DB2 source codes. Harry's experience at Kaiser Permanente involved testing interfaces and EDI transactions. He have a track record of success at companies like Freddie Mac, ACE Hardware, and Anixter International, where he modified COBOL, RPG, and Assembler programs and provided production support. Proficient in operating systems like Z/OS and languages such as COBOL and RPG, he is skilled in databases like DB2 and IMS, and source management tools like CHANGEMAN and ENDEVOR. Overall, He is a dedicated professional with a knack for translating complex technical concepts into actionable solutions

James Randolph

James Randolph is a seasoned IBM Mainframe Developer with over 20 years of extensive experience in the IT industry. He possesses a diverse skill set encompassing Production Support, Credit Cards, Utilities, COBOL 85, CICS, EZTRIEVE, DB2, SQL, VSAM, JCL, PROCS, CHANGEMAN, and TSO Endeavor. With a strong foundation in gathering system requirements, analyzing, designing, coding, testing, and production implementation, James is well-versed in Agile Scrum methodologies.

Having spent 11 years in the insurance sector, including a tenure at Nationwide, James has specialized knowledge in Mainframe COBOL-based Debit/ATM Card Management. His dedication to service extends beyond his professional career, with 8 years of service as a US Army veteran. James has excelled in roles requiring onsite coordination, program logic development, and support for credit and debit card processing applications.

In addition to his practical experience, James possesses a robust technical skill set, including proficiency in platforms like Waterfall and Agile scrum teams, operating systems such as Unisys OS2202 MVS/ESA, and programming languages like COBOL and MicroFocus COBOL. He is adept at utilizing various tools and databases, such as Remedy, ServiceNow, DB2, and VSAM, to streamline development processes and enhance productivity.

James holds an Associate of Science in Computer Science from Columbus State Community College and has pursued coursework in Interdisciplinary Studies – Legal and Computer studies from Capital University. Throughout his career, he has contributed his expertise to renowned companies such as US Tech Solution, Tech Mahinda, Infosys, and TCS/TATA Consulting, among others.

With his wealth of experience and technical proficiency, James Randolph is poised to make significant contributions in the role of a COBOL IBM Mainframe Developer, fulfilling clients'



needs and exceeding expectations.

Thomas J Demis

Thomas J Demis is a highly accomplished programmer and analyst with a rich background in large mainframe data processing environments. With experience spanning over three decades, he has consistently demonstrated expertise in design, coding, and implementation across various sectors, including financial, banking, manufacturing, and health care insurance.

His technical proficiency encompasses a wide array of hardware and software platforms, including IBM mainframes (3083, 3031, 370, 4341, 4381), CDC OMEGA, UNIVAC 9000 SERIES, and software such as COBOL, CICS, DB2, SQL, VSAM, and more. Thomas has also utilized modern development tools like IBM Developer for z/OS (RTC/RDz), showcasing adaptability to evolving technologies.

Throughout his career, Thomas has held pivotal roles in both consultant and employee capacities. Notable engagements include his tenure at PNC Bank, where he served as Assistant Vice President and Senior Software Engineer, contributing to the maintenance and development of critical banking applications. His contributions at Cynergies Solutions Group, Cleveland Industrial Golf League, and various other consulting firms underline his versatility and ability to drive successful project outcomes.

Thomas's expertise extends beyond traditional programming roles, as evidenced by his involvement in administrative functions, environmental maintenance, and project leadership. He has led teams, managed conversions, and implemented cost-saving initiatives, consistently delivering projects on time and within budget.

Overall, Thomas J Demis stands out as a seasoned professional with a proven track record of excellence in mainframe development, leadership, and project management within complex data processing environments. His dedication to innovation and continuous improvement positions him as a valuable asset in any organization seeking to optimize its mainframe operations and drive strategic initiatives forward.

John Case

John Case is a highly experienced and skilled professional with a comprehensive background in business application development across various industries, including healthcare, banking, insurance, telecommunications, manufacturing, and government sectors. With over 25 years of experience in COBOL mainframe programming, he has demonstrated expertise in a wide range of technical areas, including database management, ETL development, and project management.

Throughout his career, John has worked on numerous projects involving mainframe systems, databases such as DB2, Oracle, and SQL Server, as well as ETL tools like IBM InfoSphere DataStage. He has a strong command of mainframe tools such as TSO/ISPF, Xpediter, Fileaid, and Changeman, among others. Additionally, he is proficient in various project methodologies, including Agile, Waterfall, and SDLC.

In his recent roles, John has served as a Senior Programmer Analyst and Lead Consultant, where he contributed to the development and enhancement of commercial lending systems, banking platforms, insurance systems, and data warehouse projects. His responsibilities have included system analysis, design, coding, testing, implementation, and maintenance, often working remotely as a consultant for various organizations.

Notable achievements include his involvement in the modernization of FIS Mainframe operations, migration of SAS ETL processes to IBM InfoSphere DataStage, and the implementation of new



data warehouse solutions for healthcare and insurance clients. John has also led teams and collaborated with stakeholders to ensure project success and meet business objectives.

With his extensive technical skills, leadership experience, and proven track record of delivering high-quality solutions, John Case is well-equipped to excel in a Senior Level Development or Lead position, contributing to the growth and success of any organization he joins.

2.2. Resume

2.2.1. Harry Avanesian

Summary

- Extensive knowledge in Mainframe and AS400 Environments and Technology.
- Experience with analysis, review and decomposition of business requirements, 15 years exp. (Underwriting/Claims processing Property and Casualty) in Insurance Industry with Office of Special Deputy state of Illinois.
- Strong managerial and organizational skills to identify Priorities while multi-tasking and flexible in the performance of the job responsibilities.
- Demonstrated experience and expertise in the software Implementation/Development lifecycle (SILC, SDLC), including collection of requirements, documentation of specifications, application design, development and support.
- Ability to translate and communicate highly technical concepts, information, plans, and procedures to both highly technical personnel and non-IT business users.
- Support and build team “open door” culture of sharing ideas and collaboration, work independently and professionally with all levels in the organization.

Education

- Bachelors in Computer Science

Certifications

- Command Language (IBM).

Skills

OS	Z/OS, MVS/XA/ESA, VSE/ESA, VM, UNIX, Windows XP/NT, OS400
Languages	COBOL LE, COBOL II, AS400 COBOL/RPG400, PL/1, EASYTRIEVE, Assembler, SAS, DYL280, REXX, JCL, CL.
Databases	DB2, IMS DB/DC, IDMS, SUPRA, TOTAL, IBM Studio, SQL server 2012.
Hardware	OS/390 MVS, RS6000, AS400.
Source Management	CHANGEMAN, ISPW, CA-LIBRARIAN, ENDEVOR, SCLM, PANVELET, ALDON, ICCF.
Tools:	TSO/ISPF, CICS, JES2, JES3, PL/SQL, PLATINUM, VSAM, VTAM, ISAM, IDCAMS, SPUFI, QMF, BMS, MQ series, XPEDITER, DEBUGGER, INTERTST, ZEKE, CA7, CA-ESP, CA Encore, CONTROL-M, FILEAID, FILEMANAGER, ABENDAID, DUMP, DUMPMASER, FTP, NDM, SFTP, SSH, XML, EDIX12, GENTRAN, RACF, ACF2, CEC1, EDF, OMEGAMON, ICE, SORT, SYNC SORT, PEREGRINE, STROBE, CA-TELON, CA-VIEW, BMC CA-SYSVIEW, ROSCO, CA-OPS, REMEDY, ALM (Application Life Cycle Management), QC, QTP, SQL, IEBGENER, IEFBR14, IEBCOPY, LOTUS Notes, Outlook, Share Point, Stored Procedure, PKZIP, SDSF, VISIO, AGILE, CA-TELON, COMPAREX, INSYNC, INFOPAC, \$AVRS, MS



	EXCEL, CLARITY, ISPW, MS SQL Server 2012, Dimensions Platinum (DB2), JIRA, ALDON, MONGO, ROBOT, CL, SEU, DFU, LMI, Fault Analyzer AGILE/SCRUM, BRODERICK, JABBER.
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Professional Experience

Cognizant (Travelers ins.)

July 2022– Present

Mainframe Developer/Analyst

- Participated in Travelers decommissioning project supporting different application for batch production process, logged into CA ESP scheduler to monitor jobs when issues arise from job abend assisted offshore team to resolve issues and create ticket using SNOW (service now).
- Created documentation file for batch run processes including production job names/libraries, issues arising from ABENDS and resolution processes for off shore team.
- Conducted daily meeting with client to address outstanding project status, identified areas of client’s business concerns, navigated existing document to provided business process insight, provided source code logic process to verify current and past logical changes within source codes.
- Modified COBOL IMS and Assembler batch codes based on requirement, validated results, using ENDEVOR created packages and moved to QA environment for testing.

Environment: Z/OS, TSO/ISPF, RACF, JCL, COBOL, VSAM, IMS, ENDEVOR, IDCAMS, CA ESP.

Walmart/Sam’s

July 2021 – June 2022

Mainframe Developer/Analyst

- Project consists of mainframe conversion to Cloud with process to decommissioning batch mainframe job utilizing CA ESP scheduler to verify current job status, testing each job for data validation and moving to designated decommission libraries. Validated COBOL codes to logic process to conversion creating Excel file for conversion purposes.
- Assisted system programmer to keep networking product versions current by upgrading VTAM, SNA and TCP/IP settings. Applied PTF’s for existing and new releases as necessary to keep software under existing maintenance agreements. Assist System programmer to maintain system performance level by Analyzing controlling resources to ensure efficient resource usage.
- Collaborated with production scheduling team to verify created files for big data process. Conducted weekly meeting to present status per conversion project. Evaluated changed COBOL DB2 source codes and created package in ISPW and move to SIT environment for testing.
- Utilized IDCAMS REPRO option created new VSAM KSDS files for production backup files modified AMP parameters to allocate and control buffer spaces.

Environment: Z/OS, TSO/ISPF, JCL, COBOL II, VSAM, ISPW, IDCAMS, Fault Analyzer, CA ESP.

Kaiser Permanente.

March 2020 – Jun 2021

Mainframe Developer

- Worked with Labs and Imaging team participated in KPHC/Lab interfaces testing for outpatient accounts and accessioning for medical records monitoring AAA letters from providers to patient’s lab order and test results, evaluated COBOL codes for Anatomic pathology laboratory data including lab order and patient’s data by providing recommended code changes per requirements.



- Worked with NEDI EDI team to execute jobs for EDI 834,837 inbound outbound supporting major services such as Transmission and Translation for enrolment data with business and trading partners. Executed EDI VSAM batch Jobs per requested Intakes which included PROCs and COBOL/REXX programs, provided functional documentations for COBOL and REXX programs for mainframe to JAVA transition project team, participated in weekly.
- Using IDCAMS created VSAM KSDS file allocating key for both sequential and randomly making sure VSAM CI will consists of records, free space to avoid CA/CI split.

Environment: Z/OS, TSO/ISPF, JCL, COBOL V6.3, CICS, Debugger, DB2, IMS, VSAM, NDM, NEDI EDI, CHANGEMAN.

Freddie Mac.

May 2019 – Feb 2020

Mainframe Developer/Analyst

- Modified COBOL IMS batch programs, created Copybooks to reflect record layout for new files, Created PSB, DBD for new programs for model and features based on mortgage Conducted test run cycle utilizing JOBTRAC scheduler and PROCS to create reports and GDG files, verified produced files utilizing FILEAID and submitted results for verification to QA team.
- Modified existing mainframe protocols identifying each component with definition of functionality and availability within each LPARS and Regions. Responsible for designing, coding, Unit testing, implementing, and supporting PML loan project application, validating servicer numbers utilizing FILEAID validated data per copybook on flat files, created test libraries on test platform, prep each JCL and PROC for functionality before changes moved to production.
- Worked on COBOL CICS IMS program to modify green screen based on Foreclosure code used ISPW to created container for SIT environment and testing coordinated with QA team to validate data based on IMS database segments.
- Modified CICS online Assembler program to include VSAM KSDS file as input for delinquent loan screen, logged into test environment and validated IMS segment data after update to ensure data accuracy, Co-ordinated project with AGILE team created issues and backlog sub task sprints for team to review.
- **Environment:** Z/OS, TSO/ISPF, JCL, COBOL II, DATAVAN, Assembler, IMS, DB2, VSAM, CICS, JES2, JOBTRAC, AGILE, ISPW.

ACE Hardware (Oak Brook, IL)

Aug 2018 - May 2019

AS400 Contractor

- • Worked with off shore team to respond to ACE customer inquiries and issues utilizing CHERWELL Incident ticketing tool, evaluated each incident tickets based on priority, logged into AS400 verified data such as Shipping, docking locations on DB2 production tables, conducted SQL queries to trouble shoot issues made necessary data correction validated data, appropriately documented resolutions to inform customers for future follow-ups.
- Modified CL and RPG/COBOL programs to include warehouse and docking location based on requirements, co-ordinated changes with off shore team for UAT testing, validated results with users and move changes to ALDON for production scheduling.

Environment: AS400, ALDON, RPGIV, COBOL, DB2, ROBOT, ALM, CHERWELL.

Anixter International(Glenview, IL)

Aug. 2017 – May 2018

Mainframe Contractor



- Project consists of backend Mainframe frontend JAVA and JSON (Java Script Object Notation) Support, modifying COBOL DB2/CICS online programs for order entry and warehousing utilizing XPEDITER validating logic flow and data area passing through COMMAREA of CICS transaction within each program, conducting online support on rotating shift addressing all user and technical issues as they arise by logging into CA scheduler and monitoring ABEND return codes based on user request and concerns.
- Modified COBOL code utilizing LMI incorporating customer code to be inserted into DB2 tables, validates DB2 tables against MS SQL for user testing, modified Assembler and EASYTRIEVE Plus batch programs for warehouse inventory by incorporating print output file to provide daily print report for users. Evaluating obsolete batch jobs conducting comparison against production schedule and moving obsolete jobs to disposal libraries, created stored procedures utilizing IBM Studio validating results on mainframe using SPUFI for OE project within JSON order entry process.
- Monitored system authorization facility (SAF) for RACF authorization requests such as CICS Transaction and resource security to ensure who can use CICS resources and entitled to have access, issued RLIST command to check profiles as it exists on RACF database. Conducted IPL on test platform to synchronize IBM system libraries for new version of patches recommended by IBM verified results by executing IBM utility programs.
- Conducted DB2 tuning utilizing REORG/LOAD/UNLOAD/RECOVER/MODIFY/RUNSTATS based on performance threshold specified by DBA, identified production DB2 tables, created Excel document to be evaluated by production team.

Environment: Z/OS, TSO/ISPF, JCL, COBOL II, DB2, IMS, VSAM, CICS, JES2, FTP, SDSF, LMI, IBM Studio, CA-IDEAL, ServiceNow, Assembler, XPEDITER, DevOps, ISPW.

Exelon (Nuclear Power Plants) Chicago

Feb 2016 - June 2017

Mainframe Contractor (Functional Ventyx Passport Analyst)

- Participated in Exelon PASSPORT project in SYSPLEX environment utilizing SCLM created packages modified COBOL DB2 batch and online CICS programs to incorporate catalog id across Midwest and Mid-Atlantic nuclear power plants for VENTYX panels (Screens).
- Worked on decommissioning source programs and JCLs based on requirements, conducted verification on source/JCL/PROC and Load libraries to assure no other source members were affected, created obsolete libraries on test platform and moved identified members.
- Modified CICS/COBOL inventory programs on mainframe to include inventory display files utilizing FTP downloaded mainframe files and uploaded into iSeries platform, created technical design (T60), Test Plan (T126, T130) and Test results(T130) for warehouse inventory standards and process uploaded into Share Point for validation by quality assurance team. Utilized JIRA for project assignment issues /resolution and defect tracking created by user. Conducted weekly status meeting to identify show stoppers and other concerns.
- Worked on AS400 COBOL ALDON programs to change user request report based on location, modified date field in each external files expanding date field to 8 digits to incorporate full year and verified changes before updating DB2 tables.

Environment:Z/OS, COBOL, JCL, CICS, RACF, SCLM, XPEDITER, ACRS, SPUFI, AS400, LMI, CL, QMF, DB2, FTP, Share Point, ALM (HP), JIRA, SCRUM.

Staples/Quill(Lincolnshire, IL)

March 2015 – Dec 2015

Mainframe/AS400 Contractor



- Worked on Staple Exchange project modifying DB2 COBOL and RPG400 programs for Order entry system, utilized ALDON (source repository) to extract CL/JCL and COBOL programs and modified to accommodate email messaging alert when orders are not found on legacy system, modified RPG programs to expand warehouse location and item line field, used BRODRICK as job scheduler created calendar of run for weekly process.
- Used MS SQL created queries for account and Item number and validated against NAVIGATOR (DB2 Query tool) for synchronization purposes, created Excel document for QA team for validation and correction process. created Sub files and modify programs to process items pricing against invoice tables and drop ship items.
- Supported user inquiries to resolve incident tickets created for legacy production run issues such as customer screen enhancements for order entry, DB2 table update for warehouse information for stock and non-stock items, created documents on share point for future references, contacted and trained support team to resolve other user inquires and document the process on Share Point.
- Worked on enhancement project on AS400 utilizing RPG and COBOL, created QDDSSRC on test environment to define and created Physical and external files to incorporate EDI 830 forecasting transactions, modified batch vendor runs to include NDM execution attaching server sending and receiving nodes with user sign on and password, conducted testing for successful transmission.
- Modified RPG ILE and COBOL programs to incorporate EDI810 invoicing standards for batch production jobs, created CL to schedule a weekly run, conducted regression testing and moved to production. Provided 24/7 on call support for production delivery.
- Conducted production support monitoring Legacy execution on pick production shift, validating thresholds activities based on system allowances, documented pick time to be evaluated with system programmer for future tuning and performance upgrades.

Environment: Mainframe, AS400, COBOL, CL, JCL, RPG/400, NAVIGATOR (System Access, Run SQL Script), AGILE, BRODRICK, ALDON, DB2, COBOL, ROBOT (Scheduler), NDM, MS SQL 2012.

Blue Cross Blue Shield (Chicago)

Oct 2014– March 2015

Sr. Mainframe Developer

- Modified COBOL DB2 and batch Assembler programs to calculate out-of-pocket expenses for both family and individual coverage for state of Texas and Illinois. Created PROC and JCL in test region to conduct testing, created Excel sheet to store data and validate Reconciliation when Out-of-balance for each vendor.
- Utilizing NDM batch process Modified Medicaid files received from United Health by incorporating designated codes for family health care coverage then validating data on test platform in UIT1 region for testing purposes. Coordinated testing with Off shore team before moving to SIT environment.
- Responsible for designing, coding, Unit testing, implementing, maintaining and supporting Overpayment project application, validating deductibles and Out-of-pocket expenses per provider, utilizing FILEAID validated data per copybook on flat files, created test libraries on test platform, prep each JCL and PROC for functionality before changes moved to production.
- Conducted weekly meeting with team leads and users establish point of acceptance within project time line and sign off. Prepared appropriate documentations to communicate and validate the information for weekly status meetings.



- Worked with system programmer to validate RACF user profile for appropriate level of access such as READ, UPDATE and CONTROL to restrict access to program libraries by verifying current user profile is associated with terminal.

Environment: Z/OS, TSO/ISPF, JCL, COBOL II, DB2, VSAM, CICS, JES2, SDSF, ENDEVOR, INTERTEST, RACF, CA7, NDM, CA-ESP, assembler, FILEAID.

Komatsu International (Chicago)
Mainframe Contractor.

May 2014 – Sep 2014

- Worked with shipping and distribution project to modified COBOL DB2/IMS batch programs for Parts and Orders utilizing SCLM, verified and updated orders based on Distributor and Ship location, modified Copybook to include shipping method when orders emergency, utilizing CA TELON test debugging facility verified file and data base access defined in COBOL codes, displayed data in storage area before and after program execution, modified field data to validate for expected results, tested and created panel image to be used by CICS programs with corresponding literals as it should appear on screens.
- Modified PROCS to include Stored Procedure libraries when they are called through CLIST process, utilizing IMS DB/DC verified PSB and Programs within each region of IMS when Transaction and Programs stopped and using DB/DC command (/DIS and /STA) started the transactions and programs.
- Used Platinum (SPUFI/QMF) to run Ad Hoc queries on DB2 Inventory tables, verifying date and timestamp for each shipment accounts, creating Excel files to be reviewed by Shipping.
- Modified MF COBOL codes for pricing threshold then verified Flat file created outputs utilizing FILEAID, validated data against DB2 tables utilizing SPUFI/QMF then verified track changed data on Oracle and documented results utilizing Excel file.
- Assisted system programmer for ACF2 Grouping class that CICS uses and defined profiles for each team member for user group, Altered Class and profile name for different CICS transactions as requested by team leads.

Environment: Z/OS, TSO/ISPF, JCL, COBOL II, DLY280, DB2, IMS, VSAM, CICS, JES2, SDSF, EDI, Agile, ACF2, CHANGEMAN, Micro focus COBOL, CA TELON.

Anixter International(Glenview II)
Mainframe Developer

Nov. 2013 – May 2014

- Worked with EDI team to create EDI transactions such as 850 Purchase orders, 830 Forecasting and 855 Acknowledgment. Modified COBOL DB2 CICS programs to include SHIPTO order filed on screen, created JCL for testing purposes in Test environment, created Test Plans and Test Specs. To be evaluated by quality assurance team and moved to production.
- Contacted Anixter Vendors to setup EDI transactions utilizing GENTRAN EDI (Sterling Commerce), Created flat files utilizing batch EDI JCL, evaluated and validated data per EDI standards, created FTP batch run to conduct File transfer to vendors for EDI 850 transaction purchasing orders.
- Worked with Agile methodology to develop SDLC for Conversion project to convert batch IMS jobs to DB2 utilizing DL2 utilities, Executed JCL on test platform verified output files by running regression test (before/after), created Excel spread sheet and documented on share drive.
- Created CICS online screens utilizing BMS for Quantity ordering and forecasting, created COBOL DB2 programs to allow Vendor to control ordered parts and docking location to limit errors on parts on hand based on warehouse and docking locations.



- Participated in weekly status meeting to identify any possible obstacle or show stoppers, documents all results into Lotus Notes application repository for future referral. Monitored and verified successful execution of changes in QA environment, obtain signoff and requested to move into production.
- Reviewed ABENDED jobs on ESP and EOS, analyzed program dump storage area for error cause, using DUMPMMASTER and ABENDAID made necessary corrections, directed operations utilizing Control-M and Control-R for reruns.

Environment: Z/OS, TSO/ISPF, JCL, COBOL II, DB2, IMS, VSAM, CICS, JES2, GENTRAN, Beyond Compare, FTP, SDSF, CA-IDEAL, EDI, XPEDITER, SCLM(source lib).

Navistar International (Lisle, IL)

March 2013 –Nov 2013

Sr. Mainframe Analyst Contractor

- Evaluated entire EDI batch JCL jobs (total 700 JCL) for Navistar international distribution and sales/Pricing divisions, created documents on share drive to include batch run schedule for EDI820 and EDI850 (Batch Partner File Maintenance) runs to support off shore operations team, made recommendations to enhance JCL utilization including DASD space, SORT Parameters, Convention naming standards and VSAM file utilization which consequently to save resource utilization and avoid unnecessary expenses.
- Utilizing VISIO created flow charts of production job cycle based on predecessor and successors to assist off shore operations team. Created FTP batch runs incorporating server IP address for shipping applications, verified successful transmission for each run and utilizing CHANGEMAN created packages and moved to production.
- Modified COBOL DB2/CICS programs to incorporate EDI850 standards for batch production job, created JCL to schedule a weekly run, conducted regression testing and moved to production. Provided 24/7 on call support for production delivery.
- Modified COBOL IMS batch programs for Navistar Select project, created Copybooks to reflect record layout for new files, Created PSB, DBD for new programs for model and features of trucks, conducted test run cycle utilizing batch JCL and PROCS to create reports and GDG files, verified produced files utilizing FILEAID and submitted results for verification by QA team.
- Modified EASYTRIEVE Plus Batch programs updating Daily batch GDG files incorporating 5digit part definition codes to be compatible with IMS database, corrected validation reason code based on current requirements, created report to be evaluated by supply/chain team.

Environment: Z/OS, TSO/ISPF, JCL, COBOL II, DB2, IMS, VSAM, CICS, SYNCSORT, JES2, Flasher, SDSF, XPEDITER, IDCAMS, GENTRAN, FILEAID, EASYTRIEVE PLUS, CHANGEMAN, IEBGENER.

HSBC/Capital One. (Chicago)

Aug 2012 – March 2013

Mainframe Contractor

- Worked on two separate Server migration projects, PCDG Samba and Verona 1045D and successfully completing both. Utilizing CHANGEMAN created Test and QA packages and checkout components for each NDM JCL/PROC. Modified each component based on business requirement by incorporating NDM Parameters including folders PNODE/SNODE to comply with sending and receiving Nodes when mainframe files are transferred electronically throughout HSBC global partners, utilizing CA7 executed NDM runs in QA environment with successful results confirming successful file transfer utilizing online NDM.
- Modified COBOL DB2 CICS online ALS programs for Consumer Lending application (ALS) project, identified unsecured loans for self-employed participants, updated score card table on



DB2. Made changes to COBOL IMS programs for Online Letter enhancement project (CII application), modified COBOL copy books to incorporate Address changes, utilizing CHANGEMAN created package, created Unit test plan and Unit test results on Excel form for QA team.

- Modified PROCS to incorporate FTP and NDM process for daily batch processing, Utilizing Lotus notes created links for System Integrations, Walkthrough and QA testing processes. Created test PROC/JCLs and Load libraries on test platform to be utilized by developers when running parallel testing against production using test files.
- Worked on batch PL/1 program to enhance change mailing address dates, expanded 6digit date fields to 8 digits to incorporate full year, modified related copybook, validates changes on flat file utilizing FILEAID before updating DB2 tables.

Environment: Z/OS, TSO/ISPF, JCL, COBOL II, CICS, Debugger, DB2, IMS, VSAM, NDM, SPUFI, FM, PL/1, CHANGEMAN.

IBM (Dubuque Iowa)

June 2010 –Aug 2012

Sr. Mainframe Contractor

- Responsible for designing, coding, testing, implementing, maintaining and supporting complex application software that is delivered on time and within budget for new DB2/CICS Online Cobol source code for various IBM accounts such as United Health, Empire and Caterpillar, conducted Unit testing to verify logic accuracy and results, also assisted developers to debug failed COBOL DB2 programs by utilizing DB2 XPEDITER, analyzed and manipulated data quality on flat files by utilizing File Manager and Cobol copybooks.
- For Kohls and Caterpillar account made enhancement to COBOL IMS and DB2 (design/debugging/coding) batch source code for inventory application, incorporated pricing segments in IMS database to identify unit value for Kohls /Caterpillar inventory accounts, performed Unit testing for each module within entire logic process, created Excel spread sheet and documented results for future referrals.
- Modified COBOL/DB2 batch programs for United Health Care out of pocket and deductible over payment accounts for individual policies. Modified DB2 tables to include Null values for premium balances.
- Modified Customer inquiry CICS screens for United Health (IBM account) based on user requirement by adding new expanded account field, modified existing fields for MDT, add new function keys to print customer account information in remote locations, documented complete process and functionality to be utilized for future enhancements by development team.
- Worked with accounting department focusing to correct individual account error deductions, unapplied cash, debit memo by utilizing SPUFI/QMF to create queries, verify results, updated DB2 financial tables utilizing COBOL programs and documented on share drive.
- For Production support on Kohls account established documentation processes by evaluating Operations history Log file to verify and evaluate production ABEND codes and issues, created support log file to assist development team to respond with minimum time when on call during production support process including diagnostics and debugging.
- Worked with DB2 DBA team to run daily REORG and RUNSTAT to synchronize tables after each update used OMAGAMON monitor the DB2 threshold utilizing SPUFI created test tables for QA team.



- Provided 24/7 on call support for production delivery. Monitored production job scheduling and execution elapsed time, verified successful job return codes and duration to provide operation and opportunity to restructure job scheduling where appropriate

Environment: Z/OS, TSO/ISPF, JCL, COBOL II, DB2, IMS, VSAM, CICS, SYNC SORT, JES2, JES3, SPUFI, QMF, EDI, SFTP, SDSF, CA View, IDCAMS, IEBGENER, File Manager, ENDEVOR, CHANGEMAN, XPEDITER.

Trans Union (Credit Card)

Nov 2007 – Dec 2009

Sr. Contractor (Project Lead)

- Supervised 5 member mainframe team in process of converting FILEAID batch jobs to FILEMANAGER Modifying production/user jobs by eliminating referenced to FILEAID and replacing with FILEMANAGER's executable options and appropriate PROCS which was critical objective of this conversion.
- Created template and process on how to validate data integrity on converted File Manager files after final process in compliance with Quality Control and Quality assurance standards, conducted meeting with conversion off shore team on weekly bases to identify and verify every concern and be able to address on timely manner.
- Directed 3 member team of developers of Credit Cycle project involving unsecured and secured consumer lending products and modified existing COBOL CICS/DB2 programs and batch JCL runs for Credit function applications in commercial Debt collection, created reports and files to be utilized by Risk Management team.
- Design and implemented JCL Conversion standards/procedures for Development team to conduct Manual and online conversion process using REXX and IBM customized conversion tools, worked as liaison with IBM performance technicians on site to monitor and verify conversion changes, conducted meeting and provided evaluation reports for further data validation and corrections process.
- Setup VSAM KSDS data sets using IDCAMS define Cluster options, calculated CI size of 4096 bytes based on percentage of free space on each CI to accommodate large data.
- Assist and directed team members to conduct Unit and System testing process to test and verify COBOL codes and logic functions utilizing FILEAID and XPEDITER.
- Monitor and executed commands on PL/SQL for daily jobs scheduling, verified execution of each segment and chunk associated with every execution, allocated memory on UNIX and applied patches for space and rerun the daily retail inventory jobs.
- Created Test data using XML SPY for Inventory project based on XML standards, transformed data to user's proprietary output format to be validated after testing and moved to production.

Environment: Z/OS, OS/390, TSO/ISPF, JCL, JES2, COBOL II, PROC, GDG, DB2, FILEAID, FILEMGR, SDSF, CICS, VSAM, LISTCAT, IDCAMS, CA View, COMPAREX, REXX, NDM, FTP, XPEDITER, CHANGEMAN.

Clark County (Las Vegas NV)

Nov 2006 – Nov 2007

Sr. Mainframe Contractor (Conversion Project)

- Converted RM Cobol programs to Cobol II, created test platform for Source/JCL/PROCS along with test libraries, conducted unit and system test to verify statement and logic changes and finally moved to production.
- Setup Batch and online NDM banking transaction files that contained information on available funds for each recipient along with court order release amount allowed for each recipient then using EASYTRIEVE created reports to be verified by Public Guardian caseworker.



- Verify user screens (Public Guardian/Public Administration) for Functional Keys make appropriate changes to PF keys using RM/ COBOL and converted to CICS COBOL II source.
- Trained and Supervised Public Administrations case workers and users on newly designed screens for recipients of state assisted programs for low-income families, set up query process using QMF against DB2 tables for Ad Hoc inquiries.
- Supported production problems for Public Administration office on daily check processing issues by installing new software packages and upgrading existing once.
- Participated in direct problem definition and problem resolution activities within accounting and administration teams and provided support on check issuance and processing by updating DB2 table.
- Assisted less experience developers to modified CICS DB2 online and batch programs for Unit and System Testing. Validate data records created on Flat files using File-Aid with copybook option, Create Excel spread sheet to be reviewed by QA team.

Environment: OS/390, MVS, TSO/ISPF, JCL, PANVALET, JES2, COBOL II, NDM, DB2, SPUFI, FILEAID, SDSF, EDI, CA7, IMS, CICS, VSAM, ICE, IDCAMS, NDM, EASYTRIEVE Plus, ENDEAVOR, FTP.

CVS Pharmaceutical (Chicago)
Mainframe Contractor

Dec 2003 – Oct 2006

- Managed the development team for HIPAA, NPI (national provider identification) and FEB (Federal employee Benefit) government mandated regulations project for drug prescription. Verified all codes applied on generic drug prescription in DB2 tables utilizing QMF.
- Develop New Stored Procedure source code and process utilizing COBOL, DB2 as backend and JAVA as frontend application for pricing project.
- Created Linkage to provide JAVA applications Drug Pricing data for JAVA based screens and provided JAVA team Excel Spread sheet with detail specification on receiving data.
- Used SPUFI and modified COBOL DB2/IMS programs to extract and update DB2 table records based on coinsurance cost codes provided in business requirement.
- Verified prescription eligibility code changes on DB2 tables utilizing QMF and documented results on share drive to be analyzed by users.
- Modified DB2 batch COBOL programs for FEHBP (Federal Employees Health Benefits Program) project, modified eligibility code through a Call routine to be passed to front end JAVA screens.
- Evaluated COPAY and out-of-pocket codes for beneficiary claims based on business document and end user request.
- As a team lead responsible for evaluating business requirements on EHCCA (Electronic Health Care Claims Attachments) along with PTSC (Proposed Transactions specification and Codes) project and converting it into technical requirements.
- Worked and collaborated with other team leads on this project to effectively design documents and put together and technical solution to help issues arising from daily file transfer NDM runs by evaluating structure of files involved, and possible transmission error codes.
- Assisted System programmer to setup Client Connect applications connects to LAN servers to perform data and protocol translation between Mainframe and LAN.
- Modified mainframe connects applications to provide access to DB2/IMS tables and Flat files and data sets. Update and remove rows based on requested time stamp.
- Monitor DB2 tables utilizing OMEGAMON database grow, created EXCEL spread sheet to be evaluated by DBA.



- Used MQ series Messaging queues to retrieve/Send Messages from local queues utilizing MQ series-PUT and MQ series GET functions for batch process.

Environment: Z/OS MVS, TSO/ISP, JCL, COBOL II, DB2, SPUFI, QMF, FILEAID, JES2, ENDEAVOR, CICS, ABENDAID, SDSF, MQ series, MERCURY TEST DIRECTOR, QUALITY CENTER, FTP, NDM, EDI_x12, XML, OMEGAMON, IMS, VSAM, RACF, REXX, IDCAMS

AT&T (Hoffman Estates IL)

Jan 2001 – Nov 2003

Contractor (System/Development)

- Train and assist Jr. Developers and promoted team work to evaluate and debug COBOL source codes and setup JCLs and PROCS to conduct testing on the test platform.
- Created standards to design and develop Flat files for DATACOM project, evaluated and performed quantitative data analysis (Interpretation of numerical data) on files by creating code definition template within COBOL copybooks.
- As team lead collected accurate information utilizing CA7 for use in problem analysis, trending and process verification.
- Modified and tested PL/1 and SAS batch programs for billing transactions, verified data files created against DB2 tables made appropriate recommendation based on feedback resulting from the testing process and maintain a record of expected versus actual test results.
- Worked with System programmer to defined CICS data sets to VSAM, modified SIT (system initialization table) for RACF and user access authority. Worked on problem determination issues utilizing CICS trace and CECL.
- Modified ISAM/VSAM batch programs to incorporate SYSCO routing orders for purchasing, created test PROC and LOAD libraries to regression testing within QA team to evaluate end results.
- Conducted meeting with business users per requirement to Enhanced and modified 15 PL/1 Batch programs for Inventory applications, including invoicing/shipping, created JCLS/GDGS and PROCS on test Platform and moved to production.
- Worked with other associates/departments to resolve customer issues, account Reconciliation Reimbursements for retroactive billing by modifying IMS/DB2 COBOL online CICS and batch programs creating files and reports for customer billing issues and resolutions.
- Lead 8member team to for financial project to enhance COBOL batch programs adding VSAM (KSDS/ESDS) files for daily financial batch applications.
- Maintain and verify VSAM/ISAM files using IDCAMS utilities delete records per CA/CI size and create JCL for jobs to be run on weekly scheduled process.
- Used OMEGAMON and SYSVIEW to monitor CICS issues, transactions and ABEND codes on production LPARS. Document statistical reports to be evaluated by system support team.
- Supported 24X7 on call cycle for application trouble shooting solutions in a mainframe production environment.

Environment: OS/MVS, TSO/ISPF, JCL, COBOL II, PL/1, IMS, DB2, EASYTRIEVE SPUFI, JES2, FILEAID, Endeavor, CICS, ABENDAID, IDCAMS, INFOPAC XPEDITER, SSO / EOS (OUTPUT), Z/OS, RACF, FTP, NDM, VSAM, BAL, SYNC/SORT, DATACOM, COMPAREX, DIMENSIONS, OMEGAMON, VISUAL BASIC.

Chicago Rawhide (Manufacturing)

May 1994 – Nov 2000

Sr. Contractor (Conversion)

- Modified and enhanced mainframe COBOL 370 (Batch/Online) for Order Processing System for Distribution Client. Utilizing DB2, CICS.



- As team lead participated in converting Mainframe to AS400, including converting COBOL programs to AS400 Cobol, and maintaining and modifying AS400 RPG Financial application programs.
- Modified AS400 COBOL programs for IBS ASW Software (Distribution) System.
- Based on user requirements created On-Time Shipping Performance Report and created SUBFILES to be update on DB2 database.
- Modified and updated AS400 COBOL and RPG code for hard coded date to be in compliance with Y2K requirement, performed extensive testing on test environment and moved to production.
- Created RPG/400 and CL programs for Order Entry, Inventory Control, Account Receivable, Account Payable, and Sales Analysis Systems to replace the existing OCL procedures and RPG/II programs that interfaced with MAPICS software.
- Modified and tested EASYTRIEVE Plus programs for EDI X12 applications to create ad hoc reports for users to Validate transmission time.
- Modified Micro Focus COBOL Drug Prescription application to apply Eligibility codes and created reports for users.
- Involved in Production Support Training, resolved the Production ABENDS using ABENDAID, manipulated flat file data and made necessary correction using FILEAID to prevent any interruption on production scheduled runs.
- Provided 24x7 on call production support on by monthly bases.

Environment: OS390, TSO/ISPF, JCL, COBOL 370, AS400 COBOL/RPG, DB2, VSAM, DBU, SEU, DDS, SDA, DFU, CL, Subfiles, EDI X12, CICS, OMEGAMON.

**OSD - Office of Special Deputy (State of Illinois)
Operation Manager/System programmer**

Oct 1978 – Mar 1994

- Trained and managed twelve computer operators on mainframe for all shifts.
- Worked with System Programmers on software upgrades, participate on VSAM KSDS database Capacity and tuning which utilized as data base.
- Maintained and monitor production and test libraries for integrity purposes made recommendations and submit reports.
- Converted COBOL batch programs to MANTIS online programs to be compatible to SUPRA, modified codes inserting embedded coded to be able to OPEN/READ/WRITE SUPRA database for underwriting.
- Evaluated and debugged Production ABENDS jobs resulting from COBOL/IDMS batch Programs and JCL errors and performed necessary trouble shootings and corrections, identified potential scheduling issues for reruns, coordinated with operation so they can meet successful production process.
- Modified and enhanced COBOL/IDMS Batch and Online CICS programs for underwriting team to increase Uninsured and Underinsured coverage premiums for private passenger policies.
- Worked with Claims and underwriting department managers to design and create online screens based on business and customer service requirements and needs.
- Provide underwriting with agency accounting system to evaluate agency production and adjust agency commission rate in based on volume.
- Responsible for collecting, trending, and tracking of capacity statistics on VSAM KSDS data base, performed strategic planning of system capacity, balancing of resources and workloads,



analysing major changes on a proactive basis to determine capacity impacts to DOS/VSE environment.

- Created backup libraries for both Production Cobol and JCL and issued separate access to operators to run production JCL jobs for daily scheduled runs.
- Maintained and modified rate tables for private passenger and commercial vehicles based on territory/class/coverage/symbol/age as requested by marketing team.
- Upgraded IBM systems and sub systems for VSE/ESA operating system.
- Monitored performance of the system hardware and software.
- Evaluated and recommends changes to current and future system software requirements (DOS/VSE to MVS Migration) to meet the organization's technological needs.

Environment: COBOL, RPGII, ICCF, VSAM, BDAM, ISAM-DYL280, DOS/VSE JCL, ZEKE, EPIC, LIBRARIAN, SUPRA/TOTAL DBMS, MANTIS, IDMS, DITTO.

2.2.2. James Randolph

Summary

- Extensive 20 years of experience of IBM Mainframe Development with focus on gathering System Requirements, Analyzing the requirements, Design Documentation, Coding, Testing, and Production Implementation. Agile Scrum COBOL/CICS/EZTRIEVE/VSAM/DB2 SQL/JCL Programmer
- Extensive experience with Mainframe COBOL-based Debit/ATM Card Management
- 11 years working as COBOL Developer in the Insurance Industry, including a former full time Nationwide Employee
- 8 years - US Army Veteran whose primary mission was to sacrifice my life in order to "provide necessary force and capability to protect and support the National Security and interests of the United States of America.
- Onsite coordinator who monitors and oversee the deliverables of the application technical team offsite
- Developing program logic for new applications or analyzes and modifies logic in existing applications.
- Working on online and batch applications that support credit & debit card processing.
- Writing and modifies COBOL programs to process data to fund and bill merchants & clear to associations.
- Interacting with Product Managers, Project Managers, GIO (Global Infrastructure Operations) resources and Client/Partner IT resources to collaborate on projects.
- Consulting with users, to determine software or system functional specifications.
- Attending meeting and conference calls to review the business requirements document.
- Creating high level and detailed design documents that support credit & debit card processing projects.
- Performing Production on call support
- Experience with the Waterfall Software Development Lifecycle (SDLC)

Education

- 1997 - Associate of Science, Computer Science, Columbus State Community College
- 2011 - 2013 Former Student, Interdisciplinary Studies – Legal and Computer studies, Capital University

Skills



OS:	Unisys OS2202 MVS/ESA, OS/370, OS/390, Z/VSE, Windows
Language:	COBOL, MicroFocus Cobol, CICS, JCL, ECL, Easytrieve
Platform	Waterfall and Agile scrum teams
Tools:	Remedy, Service Now, MS office Products, File-Aid, CA-Panvalet library TSO, Xpediter, Changeman, Rosco, ZEKE, Bim Edit, Quality Center iebgener iebcompr iefbr14 idcams
Databases:	DB2, QMF, SPUFI, SQL, VSAM, Endeavor

Professional Experience

US Tech Solution 8/2022 – 3/2023

Client - Washington State Department Children, Youth, and Family

Senior Application Cobol Developer

- Responsible for providing on call support
- Review and complete code changes to ECL and COBOL programs within a Unisys 2200/OS2200 environment

Tech Mahindra 6/2021 – 7/2022

Client - Jackson, Lansing ,Michigan

Senior Lead Cobol Senior Resource Production Support L2

- Responsible for providing On-call support for Production, Model Office, Regression, Integration , and Test Regions Review and complete assigned tickets within established Service Level Agreement (SLA). Using Remedy
- Utilize COBOL 85, JCL, VSAM, CICS, QMF, SPUFI, DB2, TSO/ISPF, File-Master, Remedy and Teams

INFOSYS 5/2019 – 8/2020

Client - Fiserv, Omaha, Nebraska

Senior Lead Cobol JCL Developer

- Created header and trailer records to merchant files using JCL(s) and Procs
- Experience in MasterCard, Visa, Discover, American Express and Diner's International merchant acquiring systems
- Analyzing Procs, JCL(s)s, and Programs to identify input file names and copybooks
- Extensive experience with Mainframe COBOL-based Debit/ATM Card Management
- Onshore offshore IT support model
- Supporting On call responsibilities
- Utilize COBOL 85, JCL, VSAM, CICS, QMF, SPUFI,DB2, IBM Legacy mainframe, IBM Utilities iebgener, TSO/ISPF, Endeavor, Intertest, File-Master, CA-7, Infoman, CA Clarity, and Microsoft Visio tools. First Data Resources

TCS/TATA consulting 6/2017 – 5/2019

Client – NiSource Utilities, Columbus, Ohio

Senior Lead Cobol Developer Production Support

- Performing the SDLC functionality - Analysis, Design, Development, Implementation, Operation and Support of NiSource and all their companies in an IBM 390 z/OS Mainframe environments using all COBOL 85, CICS, DB2, JCL, CMS, TSO, and on-call.
- Onshore coordinator for offshore assignments,
- Responsible providing production support to the NiSource Mainframe Applications
- Review and complete assigned tickets within established Service Level Agreement (SLA).



GTS Government Solutions

12/2015 - 11/2016

**Client - HVHC/Davis Vision, Latham New York
COBOL EASYTRIVE CICS Software Engineer**

- CTM Address Update - add provider address to the batch report using EASYTRIEVE, JCL, BIM EDIT
- Responsible for the day-to-day maintenance of all CICS applications using CICS, DB2, JCL
- Diagnosis fix - eliminate spaces within a table using COBOL EASYTRIEVE, JCL, BIM EDIT
- Initializing fields on the online screen using CICS, BIM EDIT
- Creating Reports using COBOL 85 EASYTRIEVE, JCL, BIM EDIT
- Two to three projects assigned weekly with seven days to move into model office and into Production, using EASYTRIEVE, COBOL 85, CICS, JCL, VSAM, DB2, BIM EDIT ENDEAVOR. SDLC iebgener iebcompr iefbr14 idcams

International Programming Systems

3/2014 - 5/2015

Client - Texas Farm Bureau Insurance, Waco Texas

IBM Mainframe COBOL 85 DB2 SQL CICS VSAM CHANGEMAN TSO Developer

- Working with distributed agile scrum teams in a IBM Rational Team Concert environment
- Six Month Legacy Screen Conversion Project – 20 Programs CICS DB2 codes changes
- Code Compare Pilot Project - create Cobol 85, EASYTRIEVE Program to access, insert and update DB2
- Auto Renewal Driver 25 years of age and membership required functionality CICS and COBOL 85, DB2 Project
- Region Compare Project - create JCL jobs that would upload VSAM data to DB2 regions for compare
- IBM Utilities iebgener iebcompr iefbr14 idcams

IBM Michigan Delivery Center

5/2012 - 7/2013

Client Amica Insurance, Lansing Michigan

IBM Mainframe COBOL 85, Software Engineer

- Working with distributed agile scrum teams in a IBM Rational Team Concert environment
- Supporting the LOV Repository Database (User Subsystem) which provides the translation between legacy codes and “user friendly” test for UDE fields which is based upon combinations of constraints (i.e. Line of Business, State, Policy Form, Miscellaneous Vehicle Type, Policy Effective Date, Policy Expiration Date using SDLC, COBOL, EASYTRIEVE EXPEDITOR, ASSEMBLER, VSAM, TSO, ENDEVOR, JCL, CHANGEMAN and DB2

Halcyon Solutions, Inc. Columbus, Ohio

12/2011 - 1/2012

Huntington Bank

IBM Mainframe COBOL Developer

- Supporting Orbit Acaps, Orbit Bureau link, and Orbit Strata vendor packages for the CICSplex environment to work functionally and renaming over 150 COBOL 85 program names, renaming over 50 Copybooks and LCT,
- Supporting Orbit Acaps, Orbit Bureau link, and Orbit Strata vendor packages for the CICSplex environment to work functionally and renaming over 150 COBOL 85 program names, renaming over 50 Copybooks and LCT. IBM Utilities iebgener iebcompr iefbr14 idcams7

CDI Corporation

8/2008 - 1/2009



Client - IBM/Duke Energy, Cincinnati, Ohio

IBM Mainframe COBOL 85 DB2 SQL, VSAM CHANGEMAN Developer

- Creating a Sale of Bankruptcy Accounts Receivable Report program of accounts being sold and sent for distribution.
- Performing the SDLC functionality - Analysis, Design, Development, Implementation, Operation and Support of Duke. Energy Applications with IBM Developers Team in the IBM z/OS Mainframe, IBM 390 Mainframe environments using all projects.
- IBM Utilities iebgener iebcompr iefbr14 idcams

Fifth Third Bank, Cincinnati, Ohio

12/2006 - 6/2007

IBM Mainframe COBOL 85 DB2 XML Developer

- Created programs that will produce a XML file from DB2 tables used in the ordering of equipment used in POS Portal. The XML file will be sent to a POS Portal team located in California which would automated the ordering of per phial, printers, and cables using SDLC, COBOL 85, VSAM, TSO, EXPEDITOR, JCL, ROSCOE and DB2
- IBM Utilities iebgener iebcompr iefbr14 idcams

Nationwide Insurance, Columbus Ohio

8/2005 - 10/2006

IBM Mainframe COBOL Information Developer

- Created reports for the Quality Assurance Teams. Uploading Agent applications using AL3-Accord into the Mainframe environment. Fixing defects report to Quality Center. Maintenance of the Billing Systems using , COBOL 85, DB2, CHANGEMAN, XPEDITOR, and JCL
- IBM Utilities iebgener iebcompr iefbr14 idcams

Florida Farm Bureau Insurance, Gainesville, Florida

4/2005 - 7/2005

IBM Mainframe COBOL Systems Analyst

- Created Participant codes and Key lines for outgoing Declaration pages according to the
- USPS Publications 8 booklet. Create two new fields for the Online Utility Screen.
- • Modify and upgrade Micro Focus, Cobol, COBOL 85, CICS, JCL, and Sequential file Application code according to software change requests
- IBM Utilities iebgener iebcompr iefbr14 idcams

Covansys

9/2003 - 3/2005

Client - GMAC Insurance, Winston-Salem, North Carolina

IBM Mainframe COBOL Senior Developer

- As a senior Consultant for a Property/Casualty Insurance corporation, was involved in an effort to enhance and support the PMS (Policy Management Systems) software package daily on call support. Onshore coordinator for offshore assignments, DMV Submission coordinator, Print Cycle coordinator, Polk Update coordinator, System Test coordinator, GTAM Updates coordinator, DOS Disk coordinator, Rate-file submission coordinator. Provided daily on-call support.
- Responsible for the maintenance of the Billing Systems, COBOL 85 batch maintenance, unit testing, system testing, and debugging using Time Sharing Option (TSO/ISPF), XPEDITOR, JCL, Policy Management System (PMS), VSAM IDCAMS, File Master, Change Man , Document Direct and File-Aid, System Analysis and Programming Development life cycle 80% Batch, 20% CICS.
- IBM Utilities iebgener iebcompr iefbr14 idcams

Computer Horizons Corporation

6/2003 - 8/2003

Client - Westfield, Insurance, Independence, Ohio



IBM Mainframe COBOL Programmer

- As a senior programmer/analyst for a Property/Casualty Insurance corporation, I was responsible for COBOL 85 batch maintenance, creation of new batch programs, unit testing and debugging using Time Sharing Option (TSO/ISPF), XPEDITER, JCL, Universal Billing System, Policy Management System (PMS), VSAM, IDCAMS, File Master, and File-Aid, System analysis and Programming Development life cycle. 100% Batch
- IBM Utilities iebgener iebcompr iefbr14 idcams

Grange Insurance, Columbus, Ohio

11/1997 - 12/2002

IBM Mainframe CICS Applications Developer/ Analyst

- CICS online maintenance, Universal Billing System maintenance the creation of new online screens, COBOL 85 batch maintenance, creation of new batch programs, unit testing, system testing, and debugging using Condor, Time Sharing Option (TSO/ISPF), XPEDITER, JCL, Policy Management System (PMS), VSAM, and IBM Utilities iebgener iebcompr iefbr14 idcams

2.2.3. Thomas J Demis

Summary

Thomas J Demis is a highly accomplished programmer and analyst with a rich background in large mainframe data processing environments. With experience spanning over three decades, he has consistently demonstrated expertise in design, coding, and implementation across various sectors, including financial, banking, manufacturing, and health care insurance.

His technical proficiency encompasses a wide array of hardware and software platforms, including IBM mainframes (3083, 3031, 370, 4341, 4381), CDC OMEGA, UNIVAC 9000 SERIES, and software such as COBOL, CICS, DB2, SQL, VSAM, and more. Thomas has also utilized modern development tools like IBM Developer for z/OS (RTC/RDz), showcasing adaptability to evolving technologies.

Education

- Bachelor in Computer Applications

Skills

Hardware	IBM 3083, 3031, 370, 4341, 4381, IBM 7770, AMDAHL V7 CDC OMEGA UNIVAC 9000 SERIES 90/80 VS9
Software	COBOL/COBOL II, CICS (COMMAND & MACRO), DB2, QMF, SQL, VSAM, IDCAMS, OS JCL, TSO/ISPF, DL/I, QUICK BASIC, FORTRAN, PL/1, EASYTRIEVE, ICCF, IDMS, IMS/DB/DC, IMS/MFS, INTERTEST, LIBRARIAN, PANVALET, ROSCOE, MS/DOS/WINDOWS, VISUAL BASIC 5, ENDEVOR, ALCHEMIST, ASSEMBLER (BAL), IBM® Developer for z/OS® (RTC/RDz)

Professional Experience

Consultant, Cynergies Solutions Group, March 2020 to April 2021

On project at MMO

- Program Developer for “MEDICAID enhancements” to the Membership departments application, involved specifically with enhancing the existing application to support MEDICAID policies. Also made changes to another application “LIFE BILLING” while the MEDICAID project was on hold and then eventually canceled as MMO did not get the MEDICAID contract they were hoping to get. In addition, working on any and all requests



from the user community pertaining to the resolution of production incidents that occurred during production processing.

- All applications were written using COBOL (Batch and CICS), along with VSAM files and DB2 databases. Also maintained and wrote new JCL and Parms for the new applications. Also used the new IBM source management product called RTC/RDz.

Employee, PNC Bank, September 2011 to March 2020

- Assistant Vice president, Senior Software Engineer, Perform a variety of administrative function as an environmental specialist maintaining multiple CICS environments. Also performs CICS table maintenance and DB2 database change requests for all developers in the Bank Sales & Service group. Also perform COBOL batch and CICS programming functions using IMS DB & DB2 databases including unit and system testing. Also responsible for semi-monthly software implementation coordination with all member of the team.
- All applications were written using COBOL (Batch and CICS), along with VSAM files and IMS & DB2 databases. Also maintained and wrote new JCL and Parms for the new and existing applications.

Consultant, Cleveland Industrial Golf League, April 1998 to September 2013

- As the handicap chairman for the CIGL, I designed, implemented and maintain a multi faceted system which includes team and player history, handicap calculations, league standings, weekly reporting and player statistics. Originally written in COBOL and converted to Quick Basic 4.5 for batch processing and VB2 for online GUI front end data entry. Recently updated entire system to VB6 and enhanced the CIGL.ORG web site application.
- Designed the web site using Microsoft FrontPage and have made numerous enhancements over the years. Recently, a new GUI front end application was developed to allow players to enter their scores at the golf course. Responsible for all documentation and training for the applications.

Consultant, Western Reserve Systems, July 2010 to September 2011

On project at MMO / Antares

- Lead analyst/programmer for a new “paperless provider” reporting application in the Disbursement department, involved specifically with the archiving of thousands of “remits” and “Notifications of payment” to the newly created DB2 databases. In addition, working on any and all requests from the user community pertaining to the recovery of funds paid out improperly during the claim adjudication processes.
- All applications were written using COBOL (Batch and CICS), along with VSAM files and DB2 databases. Also maintained and wrote new JCL and Parms for the new applications.

Consultant, S & P Solutions , June 2008 to May 2009

On project at MMO / Antares

- Lead analyst/programmer for a new “explanation of Benefits” reporting application in the Disbursement department, involved specifically with the archiving of thousands of EOB’s to the newly created DB2 Historical databases. In addition, working on any and all requests from the user community pertaining to the recovery of funds paid out improperly during the claim adjudication processes.
- All applications were written using COBOL (Batch and CICS), along with VSAM files and DB2 databases. Also maintained and wrote new JCL and Parms for the new applications.

Consultant, Exodus Integrity Services , January 2006 to May 2008

On project at Parker Hannifin Corp.



- Technical lead for the implementation of a corporate enhancement project. that encompassed numerous divisions across the country. Analyzed, organized and implemented a cost saving project to standardize new and existing divisions. Oversaw all aspects of testing, training and troubleshooting issues with a variety users that included IT department techs and supervisors as well as end users. Project was completed on time and on budget and is expected to have a significant cost saving for the company.
- Primary contact for several divisions in a support role for issues ranging from troubleshooting critical impact issues, requiring immediate resolution, to small enhancement requested by a variety of end users.
- Primary contact for multiple new divisions needing support with conversion issues and training needs. Work closely with users to convert their existing methodologies to conform to new corporate policies and procedures. Work as a liaison for my divisions to escalate programming needs to improve production.
- Responsible for conversion of 10 Parker Hannifin divisions source code (Batch and CICS), JCL, and Parameters from a LIBRARIAN library format to ALCHEMIST product format. Also performed numerous small enhancement projects for other divisions within the corporation, and several corporate enhancement projects, using VSAM, IMS/DB, CICS, COBOL and Assembler languages.

Consultant, Action Management , June 2005 to December 2005

On project at United Transportation Union

- Project lead on a corporate wide enhancement project to streamline insurance and annuities.
- Responsible for designing coding testing and implementing enhancements to DOS/VSE CICS and batch COBOL insurance and annuity applications using VSAM and SAM files.

Consultant, COMSYS, February 1998 to June 2005

On project at Bridgestone/Firestone

- Lead analyst/programmer for a critical path sub-system of a company wide project designed to replace a third party vendor software system. This position required analysis of existing system, design of new software and coordination with other aspects of the project.
- Responsible for designing coding testing and implementing a major sub-system that replaced a vendor software “Explanation of Benefits” statementing process in conjunction with a third party outsourcing company.
- Primary contact for end users during a conversion project to replace an existing processing system. Responsible for designing, programming and implementing changes and enhancements to meet the needs of a variety of end users in the claims processing department.
- Responsible for designing coding and testing CICS and batch update user interface programs which modify Claims information used in the Trizetto ClaimFacts EDI claims processing system.
- Responsible for coding and testing program modifications and enhancements to the Trizetto ClaimFacts EDI claims processing system.
- All CICS and Batch programs were written in the COBOL OS/390 programming language accessing multiple VSAM file and DB2 databases.

On project at Key Corporation

- Responsible for designing coding and testing programs which load DB2 databases used by a customer inquiry/lookup application in the LOCK BOX area.



- All the programs were written in the COBOL OS/390 programming language accessing multiple DB2 databases.
- Responsible for designing coding and testing data extract interface programs, and several hundred custom report programs for a new lockbox application, which were re-engineered from a DEC VAX platform to an IBM mainframe platform.
- All the programs were written in the COBOL370 programming language accessing multiple DB2 databases.

On project at National City Corporation

- Responsible for designing and writing detailed program specifications for enhancements to proprietary Demand Deposit Account application, as it relates to Overdraft processing.
- All the program specifications were written for Assembler language programs accessing multiple UFAM databases.
- Responsible for the design, coding, unit and system testing of three new application interface programs which formatted data from outside vendors and produced an interface file. This file was used by the internal CIF application to add customer data to NCB databases.
- Responsible for enhancements to the existing "Householding" application that read files from outside insurance companies and reformatted the data to be loaded to DB2 databases.
- Responsible for enhancements to existing Vault application as well as the design, coding, unit testing, system testing and production parallel testing of a new interface program that entered new data into the Vault application.

On project at Ohio Savings Bank

- Responsible for the design, coding and unit testing of enhancements made to the existing Customer Portfolio Inquiry Interface. The programs were COBOL/CICS using ASSEMBLER subroutines to read VSAM and UFAM databases which returned information to a VISUAL BASIC GUI front end system.
- Made enhancements to ASSEMBLER Demand Deposit Account posting application programs to support balances in excess of one billion dollars.

Consultant, Jared Group, February 1997 to February 1998

On project for Cuyahoga Data Center

- Responsible for enhancements to existing Civil, Domestic Relations, Child Support and Sheriff systems. Modified and tested existing programs and designed, coded, and tested new programs. The programs were COBOL IMS DB/DC online programs and COBOL IMS DB2 and NON-DB batch programs.
- Participated on the design team in preparation for Year 2000 conversion of all existing Civil and Domestic Relations IMS online and batch programs and the conversion of all of the data for both applications.

Consultant, PSI,

September 1993 to January 1997

On project at National City Corporation

- Responsible for enhancements to existing proprietary data server software used by the bank. All programs were written in ASSEMBLER language, accessing UFAM Data Bases.
- Coded "throw away" one shot conversion programs in COBOL for a merger project involving credit card applications.

On project at the United Transportation Union

- Responsible for enhancements to existing Insurance Policy Issue systems for the union. Duties included modifications and testing to the existing programs as well as designing, coding and



testing new programs. Created all test data for unit testing and monitored initial production runs.

- Assisted users in validation processes and wrote systems support programs to allow users and programming personnel to view master files online. Provided easy production problem debugging and customer policy inquiries. Converted AUTOCODER programs to COBOL to allow the old systems to be maintained.

Consultant, Comsys

July 1982 to August 1993

On project at Society National Bank

- Responsible for design, coding, unit testing, integration and system testing of an application that was used to make high-level, short-term business decisions for the Commercial Loans applications. This application used the commercial loan databases as input into a series of statistical analysis type operations that created database files for upper level management to use via QMF, SPUFI, and user written query programs.
- Responsible for the design, coding, unit testing and user acceptance testing support for the System and Branch Administration functions of the Online Delivery System (O.L.D.S). The administrative functions maintained DB2 control tables, accessed by all online and batch programs within the O.L.D.S. system.
- Maintained the "In Core" VSAM tables simultaneously to reflect the most "current" monetary information needed by bank tellers in the "field".
- Programs were written in COBOL II with Command Level CICS 2.1 accessing DB2 databases and VSAM KSDS files.

On project at Allied Signal/Bendix

- Responsible for designing, coding and unit testing of the Payroll/Human Resources conversion programs. These programs accessed five DB2 tables, one DL/1 database and multiple VSAM code conversion/description tables and created multiple tape files which were sent to an off-site processor.
- CICS On-line Payroll/Human Resources applications were maintained to reflect changes required by the Outside Services vendor. QMF and PROEDIT was used to create test data and validate program functionality. Batch and CICS programs were written in COBOL on an AMDAHL 1400A running under OS/MVS/ESA.

On project at LTV Steel

- Designed enhancements to the existing systems to support a Proprietary Material Tracking System.
- Duties included modifications and testing of existing programs, as well as detail program design and implementation of new programs. Created all test data for unit and system testing.
- Programs were written in COBOL accessing IMS databases and VSAM files using command level CICS as the on-line monitor.

On project at Imperial Clevite

- Member of a project team responsible for the conversion of Burroughs systems to the IBM OS/MVS mainframe.
- Modified COBOL programs to make them compatible to the IBM environment, added DL/1 calls to access the IMS databases and created JCL execution and procedures. Coded IDCAMS statements to create and maintain the VSAM files.

On project at Roadway Incorporated



- Managed a project team responsible for modifications to the existing systems. A three position numeric code that defined terminals, warehouses and other facilities was changed to an Alpha/Numeric code. Changes involved the review of over three thousand programs in fifty-four systems. Analyzed systems identifying the programs to be changed, detailed program design, code, unit, system and integration testing of all the in-house systems. The programs were written in ASSEMBLER and COBOL. The programs were written on a Univac 90/80 VS9, using an in-house text editor and on an IBM 3083 OS/MVS XA using TSO/ISPF.
- Managed the twelve-member project team, assigned tasks, manpower loading, established schedules, problem resolution and technical support.

On project at Ameritrust

- Designed, coded and implemented a Switch system written in COBOL with command level CICS and ASSEMBLER sub-routines. The system allowed cardholders from one bank to use their cards in any other banks that were members of the system.
- Responsible for the development of an ATM simulator, used for unit and partial system testing of the on-line (EDI) systems.
- Developed a batch support system written in COBOL and ASSEMBLER which performed settlement verification between the banking institution and the switch driver.
- Re-designed, coded, and implemented the Savings System Update program. This re-design included modifications to an existing program to conform to modern structured programming techniques. This enabled the program to be more easily maintained and new enhancements to be added in a modular manner. Coded ASSEMBLER programs used to determine file structures and to correct errors found on old files.

On project at Blue Cross/Blue Shield

- Responsible for developing and installing Health Care systems.
- Analyzed, programmed and tested an on-line Check Issuance and Reconciliation sub-system that was a part of the Prescription Drug System using COBOL, CICS and ROSCOE.

On project at Central National Bank

- Responsible for design, coding and implementation of a Switch system that would allow cardholders from one bank to use their cards in other banks that were part of the system. The programs were written in COBOL with command level CICS.
- Developed an ATM simulator that allowed testing of ATM (EDI) transactions from a CRT. Designed and coded programs to convert plastic banking cards form one to multiple banking systems.
- Converted IBM 7770 Audio Response unit ASSEMBLER programs using RDAM to CICS command level programs using IDMS on an AMDAHL V7 under OS/MVS. Wrote numerous programs and job streams to support interfaces between an IBM 4341 under DOS/VSE and the AMDAHL V7 for DDA SAVINGS and line of credit applications.
- Designed, coded and implemented Instant Switch System for banks to allow card holders to use plastic banking cards in other bank ATM machines.
- Responsible for analyzing, programming and customizing an Accounts Receivable package, using CICS & DL/1 on an IBM 370/138 under DOS/VS with POWER.
- Modified and/or rewrote numerous CICS command level programs with extensive BMS changes.

On project at Texlon Corporation



- Responsibilities included design, coding, and implementation of enhancements to the IBM COPICS Manufacturing system. Changed the main menu and new programs to build invoices on-line and additional programs to the batch system to produce work orders, bills of material and shipping memos.
- Programs were written in COBOL using CICS and accessing IMS databases. Programs generated invoices, detail and summary reports.
- Modifications to the COPICS package were written in ASSEMBLER using CICS MACRO code.

On project at Society National Bank

- Responsible for design, coding, and implementation of a series of programs that would access multiple files from several banks and create records used to generate plastic cards for the ATM (EDI) systems. The programs were written in COBOL and accessed VSAM and UFAM files.
- Coded ASSEMBLER language programs to create personnel identification numbers for plastic cards.
- Modified ASSEMBLER language programs to support the merger requirements of the bank.

2.2.4. John Case

Summary

- Vast array of Business Application Development systems experience: BCBS Health care, Mortgage Insurance, Bank Data Warehouse, Bank AFS Commercial Lending, Bank Mainframe, Inventory Management and Distribution shipping, 7 years of experience with Medicaid/MMIS claims and pharmacy systems, Telecommunication/Facilities and Engineering, Auto Manufacturing. Mainframe systems.
- 7 years ETL Data Warehouse development experience with IBM InfoSphere DataStage versions 7.5/8.1/8.5/9.1/11.5 with both server and parallel editions.
- 10 years of experience as a Technical Lead or Team Lead.
- 25+ years of COBOL Mainframe programming experience

Education

- Bachelor of Arts; The State University of New York; Buffalo, NY

Certificates

- EDS In-Service Education
- Operations Development Program (OPD), 1984
- Systems Engineering Development Program (SED) 1987

Skills

Languages	COBOL all versions from 1980'S VSE up to current MVS V5, CA-Ideal, Easytrieve, SAS, CICS Command Level, Assembler (EDS SED program)
Databases	DB2 multiple versions, Oracle v9/10/v11, SQL Server 2005/2008, Sybase, Greenplum, CA-Datacom
Mainframe Tools	TSO/ISPF, Xpediter, Fileaid, Smarttest, QMF, Spufi, Platinum/DB2, Librarian, Changeman, Endeavor, SCLM Serena Dimensions, IBM utilities, Syncsort, CICS command level, OS/JCL and procedures, CA-Dataquery, Microsoft Office Products, Outlook, Word, Excel, Visio
Data warehouse and SQL Tools	Toad for Oracle/Data Analysts, UltraEdit, UNIX AIX Korn shell scripts, Oracle SQL Developer, XML, IBM InfoSphere DataStage 7.5/8.1/8.5/9.1/11.5, IBM Infosphere Information Analyzer v9.1/11.5, IBM



	Infosphere Quality Stage v9.1/11.5, IBM Infosphere MDM v9.1/11.5
Project Methodologies	Agile, Waterfall, ESDm, RUD, Standard SDLC

Professional Experience

Senior Programmer Analyst **02/2023 to 08/2023**

Huntington National Bank -Commercial Lending Systems– Consultant - Remote

- AFS III Mainframe projects and processes. 1112 lending transactions and B file updates, from Excel to TSO to batches. Running DEV cycles, daily restores, and jobs. Working on production incidents and exceptions. Core commercial lending concepts. Jobs, Procs, Control Cards. Creating and running FTP jobs from Production down to DEV and then to .txt files for new AFS Vision implementation. AFS III □ AFS Vision.

Environment: CICS, z/OS, TSO/ISPF, COBOL MVS, SDSF, Flat Files, VSAM, Abendaid, Fileaid, Changeman, SAR, Service Now, Easytrieve, Windows 10

Senior Programmer Analyst **07/2022 to 10/2022**

FIS/CITI ALS Banking Group – Consultant - Remote

- Working on projects to related to the new FIS ALS loan platform integrated with Citi banking interfaces. CTI□ALS group. Core banking interfaces with existing Citi platforms. Production, UAT and TSYS logons jobs and procs. Flat file interfaces and VSAM files. Learning how they operate.

Environment: CICS. z/OS, TSO/ISPF, COBOL MVS, SDSF, VSAM, Flat Files, Abendaid, Fileaid, Changeman, Windows 11

Senior Programmer Analyst **03/2022 to 07/2022**

Ameritas Insurance – Consultant - Remote

- Plan Number Management Project. Expanding plan number from 3 digits to 6 digits across all applications. Datacom DB is treated similarly to DB2 SQL. Transforming this in an Agile Jira environment, in a separate DEV environment. COBOL, CICS, DATACOM SQL, EASYTRIEVE, JCL and PROCS. ENDEVOR source.

Environment: CICS. z/OS, TSO/ISPF, COBOL MVS, SDSF, DATACOM, Abendaid, Fileaid, Windows

Systems Programmer III **09/2021 to 12/2021**

FIS Bank Card – FTE - Remote

- Supporting applications in a complex multi LPAR environment. Debugging, implementing and maintaining software applications. Knowledge of COBOL, JCL, IMS and DB2. CNTL-M schedules

Environment: z/OS, TSO/ISPF, COBOL MVS, IMS, SDSF, DB2, Abendaid, Fileaid, Windows 11

Systems Programmer III **03/2019 to 03/2021**

FIS GLOBAL – Consultant - Remote

- Mainframe-related projects designed to modernize FIS Mainframe operations. The project is to reload millions of reports from and in-house report viewing system (Online Microfiche) to a package (ASG – InfoPac-Starview). Execute a multiple step mainframe process for a switch or bank: Build a database of reports to load. Build jobs via an automated process (control-m). Restore raw reports based on resource availability. Submit jobs based on resource availability. Monitor for failed executions. Provide weekly status updates as to progress.



Assist with the identification of report groupings. Tracking of progress with a switch via Excel spreadsheets.

Environment: z/OS, TSO/ISPF, BASE SAS, COBOL v4, SDSF, DB2, Windows 10

Senior Programmer Analyst
CHASE BANK – Consultant

01/2018 to 08/2018

- CALS (Chase Auto Leasing System) Mainframe COBOL VSAM programming developer. Within Agile system methodology and sprints worked on enhancements/defects/releases to the CALS system. COBOL CICS and batch programming in their complex DEV, UAT environments. Xpediter testing tools, Changeman source control, Fileaid and IBM utilities.

Environment: COBOL v4 and v5, VSAM, MVS, CICS, TSO, Changeman, Xpediter, Windows 7

Business Process Analyst

07/2017 to 01/2018

STATE OF OHIO – DEPT. OF MEDICAID - FTE

- Program oversight and management in the state participation in the Ohio Benefits system and interfaces with other state systems. Particular emphasis of managing daily operations and incidents/issues with online and batch systems with contractor Accenture, DAS and DXR. Review of functional and technical design documents for upcoming releases. UAT testing and remediation.

Environment: UNIX/AIX. Java, Oracle, Rational, Remedy

Senior Programmer Analyst
NATIONWIDE INSURANCE - Consultant

05/2016 to 08/2016

- Mainframe Annuities retirement system PALM Build group. COBOL with VSAM programming. CICS with Java interfaces. ESP Scheduling.

Environment: MVS, CICS, VSAM, TSO, Changeman, Windows 7

Lead ETL Developer
FIRST CITIZENS BANK - Consultant

01/2016 to 01/2016

- SAS Migration Project for the CID Data Warehouse (DW) (DB2 UBD).
- Conversion of current mainframe ETL SAS transforms and loads to the Datawarehouse to Infosphere DataStage v11.5 jobs and processes.
- New best practices design and analysis, coding, testing in Infosphere DataStage and Unix Scripts.

Environment: UNIX/AIX. MVS z/OS, IBM Infosphere Suite v11.5, MVS JCL/PROCS, DB2 UBD, TSO/ISPF, WINDOWS 7, Agile project methodologies

Senior Programmer Analyst
LIBERTY MUTUAL INSURANCE - Consultant

05/2015 to 08/2015

- Commercial insurance Simplification Project.
- Performed analysis, requirements definition, created designs and coded modifications to existing production Premium and Loss processes to either include or exclude OCAS system data into their systems as a part of the Integrated Warehouse Environment (IWE).
- Performed modifications to Mainframe COBOL programs, JCL and PROCS that provide data to the midrange UNIX IWE, either including new OCAS data or excluding OCAS data.
- Performed modifications to UNIX Informix DB jobs and DB2 UBD jobs and Perl scripts to either include the new data or exclude the OCAS data.



- Unit testing in DEV environment and system testing in UAT environment working with QA group.

Environment: CICS, UNIX/AIX. INFORMIX DB, DB2 UBD, Perl scripts, UI front end and Metadata management in UNIX IWE system, COBOL MVS, MVS z/OS, ENDEVOR, JCL/PROCS, TSO/ISPF, PERL

Lead Consultant - FTE
CAPGEMINI

03/2012 to 02/2015

Clients with Capgemini

UNITED GUARANTY CORPORATION – AIG Greenville

07/2014 to 02/2015

- Worked on proof of concept (POC) projects with the UGC BI team using Infosphere v9.1 Quality Stage, Information analyzer and Metadata Workbench
- Created and executed Infosphere v9.1 Information analyzer rules on their top 20 most important financial data elements, checking for validity and quality. 150 rules in total. Reported on them.
- Created DataStage jobs showing best practices and initial cleansing of data utilizing Quality Stages and calling those Information Analyzer rules.

Environment: IBM Infosphere v9.1, Oracle v11, SQL Developer, DB2 AS400, UNIX AIX

BCBS CAMBIA HEALTH SOLUTIONS; Remote and Tacoma WA 03/2012 to 06/2014

- Project 1 -Created Federal Employee Program (FEP) Member eligibility feeds in DataStage 8.5, source is Oracle FEP DB; target is comma delimited files for third party Trizetto, in CareAdvance file format, replacing the mainframe legacy system. Created compare jobs to compare Cambia CCA database and new FEP files. Extracting business logic and rules in transformation stages. Full file feeds and daily delta files.
- Project 2 - Technical Lead for AHS project (Accountable Health Systems) for IBM/Cognizant group. Participated in requirement definitions, time estimates, code reviews. Ran cycles and controlled code promotions. Oracle DB/DataStage 8.5/Unix Scripts.
- Project 3 - Created new NetworkX codesets and pricing jobs to DataStage version 8.5, source tables from FACETS Sybase and new target tables to dual Oracle mirror databases, a local version and remote offsite version residing at Carefirst BCBS who will be processing FEP claims. Large amount of jobs/sequences/scripts/parms. Over 100+ individual DataStage job.
- Project 4 - Created new StarSentinel project ETL for Fraud and Abuse business client and vendor General Dynamics. Replaced the legacy SAS system. Predominantly Greenplum source for membership/provider and claims history. 2-year historical extracts using Oracle staging tables for claim id adjustment lookups.
- All DataStage jobs/sequences required UNIX/AIX korn shell scripts and parms and working within Control-M scheduling.
- Personally created 200+ DataStage jobs for this client and into Production
- Agile three-week sprint methodology using Rally. Software repository is CA SCM Workbench/Harvest and Remedy change control

Environment: Multiple versions of IBM DataStage 7.5, 8.1, and 8.5, Oracle v10/v11, Sybase, Greenplum, SQL Server 2008, Toad, Control M, Unix AIX, UltraEdit, Rally, Remedy, Windows

Senior Programmer Analyst

05/2011 to 03/2012

CSC STATE HEALTH CARE – Consultant

- Converted legacy EDS/HP historical claims and other subsystems to the CSC North Carolina EMED format. Created a COBOL MVS and DB2 process to format and insert adjusted history



claims from HP 8-layer legacy system to DB2 tables. Conversion of spreadsheet formats to DB2 load files for all MMIS tables.

Environment: COBOL MVS, CICS, DB2, Spufi, CA-Platinum, TSO/ISPF, Endeavor, MVS-z/OS, WINDOWS 7

Senior Programmer Analyst

10/2010 to 04/2011

HSBC BANK EBC SYSTEMS – Consultant

- Analysis of current HSBC EBC payment reporting systems to develop new reporting models based on business requirements and future reporting warehouse environment. Create conceptual architecture models, system context diagram overviews, logical and physical models.
- Deployment of releases of mainframe COBOL DB2 software and MVS JCL for corporate and commercial bank systems and customers connecting the 3 (EBC) systems, US, Hong Kong and London UK. Production support and maintenance of the US EBC system.

Environment: COBOL MVS, MVS z/OS, ENDEVOR, DB2 v9, CA-Platinum, Spufi, CICS, MQ Series, SOA, TSO/ISPF, WINDOWS XP PRO, ORACLE v8, SDLC Project Methodology

ETL Data Warehouse Developer

07/2009 to 10/2010

BLUE CROSS/BLUE SHIELD OF MONTANA - FTE

- Development, construction and maintenance of Healthcare Claims Data Warehouse system(s) (DB2 UBD and replicated SQL Server 2005) with source data coming from dual claims adjudication systems, Mainframe LRSP and QNXT SQL server 2005 system. Utilizing IBM DataStage v7.5 server edition, create and maintain server jobs using Designer, Director, Manager and Debugger. Utilized all possible types of stages, ODBC's on DB2 and SQL Server tables, transforms, aggregators, joins, sort and merge, hash file creation and lookups, secure FTP, job sequences and stored procedures.
- Major projects I worked on utilizing DataStage - Major mapping redesign of Claims Transaction File for the QNXT 3.4 implementation with Trizetto. Coordination of Benefits Project utilizing the XML portion of DataStage creating new tables and constructs from 837 file formats.
- Claim extract jobs for 3 different consulting physicians, pulling institutional, professional and drug claims for different groups.
- Data modeling table construction with Erwin, creating logical and physical designs on the new Account Services Datamart.
- Work on change requests (CSR) s, and incident reports (IRs), with DBAs, Data Warehouse modelers, production support, and end user clients.

Environment: IBM DataStage v7.5 server edition, DB2 z/OS, SQL Server 2005, Oracle v7, COBOL MVS, COBOL II, MVS z/OS, Spufi, TSO/ISPF, Cognos, ERwin, MQ series, XML

Senior Analyst Team Lead

10/2007 to 09/2008

VERIZON BUSINESS – Consultant

- Team development lead on team of 4 for Verizon Business F&E system.
- Attended requirements gathering meetings with PMO personal Accenture regarding GARM (Global Access Rights Mgmt a federally mandated corporate wide) project requirements
- The requirements were to protect local, state and federal government information of all kinds on the F&E system from view from overseas users based on security information.
- Performed analysis on the current F&E system and created conceptual, context overviews, logical and physical models, and other architectures utilizing ESDM project methodology



practices. Created a functional Analysis and Design (A&D) document for F&E changes based on requirements for the GARM project for approval

- Created a general technical program specification for all existing programs being modified.
- Created individual program specifications for all new programs being created
- Assigned programming tasks to programmers and tracked status.
- Worked with DBA group to modify existing tables and create new database tables.
- Worked with F&E management, GARM PMO team and F&E QA group to establish project deliverables and timelines.
- Worked with the QA group using Mercury QC testing tools to create unit and system test plans and worked on fixing or assigning defects to the team from such plans.
- Successfully implemented project on August 15th, 2008. 300 modified programs, 10 new programs, new and modified tables.
- Supported the project post launch.

Environment: CA-Ideal, Datacom/DB, MVS-z/OS, CICS, TSO/ISPF, Endeavor, MQ Series, XML, WebSphere SOA, Mercury QC test Tools, Windows XP PRO, ESDM Project Methodology

Senior Programmer Analyst

07/2006 to 07/2007

OHIO DEPARTMENT OF TAXATION – Consultant

- Project assignment was to document and code changes to the Taxation systems in order for them to interface with a new PeopleSoft Financial voucher system called OAKS.
- Performed analysis on existing taxation systems COBOL/CICS/DB2 creating functional requirements and technical program specification documents detailing the modifications necessary to interface with the PeopleSoft system.
- Coded the changes and created new processes according to approved specifications.
- Created unit test plans and executed test plans working with QA group.

Environment: COBOL MVS, DB2, QMF, Spufi, CA-Platinum, DB2, CICS, TSO/ISPF, Endeavor, MVS-ZOS, People Soft, Oracle PL/I, Windows XP PRO, RUD methodology

Senior Analyst Team Lead

04/2005 to 06/2006

OHIO DEPARTMENT OF JOBS AND FAMILY SERVICES – Consultant

- Created an integrated system to recover lost adjustment records and money for pharmacy void claims. Documented new system functionality in Visio.
- Project lead SME responsibilities, on team of 3, for the Pharmacy Claims Point of Sale (POS) interface with new vendor ACS.
- Attended meetings with ACS vendor to gather requirements for system modifications
- Created functional analysis and design documents from system requirements for ACS vendor and state personal.
- Created program specifications and unit test plans within the MMIS (Medicaid Management Information Systems) working from the functional documentation.
- Assigned programming and unit test tasks to team and coded modifications myself along with unit and system testing
- Documented new programs and JCL/PROC jobs using Visio
- Project was implemented on 06/30/06
- Performed analysis, programming, and unit testing of production change requests and incidents (IR's) relating to MARS subsystem

Environment: COBOL MVS, CICS, DB2, QMF, Spufi, VSAM, TSO/ISPF, SCLM, Serena Dimensions, MVS-ZOS, WINDOWS XP PRO, SDLC Methodology with Mercury QC



Senior Programmer Analyst

10/2004 to 04/2005

ACS STATE HEALTH CARE – Consultant

- For ACS and state of North Carolina implementation of the new ACS Pharmacy Based Management system (PBM),
- Performed analysis on the current EDS system and proposed new ACS PBM system and created conceptual, context overviews, and other architectures. Created a GAP analysis document, detailing the differences between the existing EDS PBM system and the proposed ACS PBM system.
- Worked with Business Analysts to create new functional system requirements.
- Created program specifications and unit test plans working from the functional documentation.
- Assigned programming and unit test tasks to team and coded modifications myself along with unit and system testing

Environment: COBOL MVS, CICS, DB2, Spufi, TSO/ISPF, Endeavor, MVS-z/OS, JAVA, ORACLE PL/I, WINDOWS NT

Consultant - Senior Programmer Analyst

07/2003 to 10/2004

GREAT WEST CASUALTY; South Sioux City, NE

- Project was the conversion of existing systems from mix of Datacom/db SQL and native Datacom/db calls in batch to all DB2 SQL, and online IDEAL Datacom/db programs to CICS command level DB2 programs
- Created program specifications from requirements
- Coded new programs with team walkthroughs on each program
- Created unit and system test plans
- Executed test plans

Environment: CA-Ideal, CA-Datacom, DB2, COBOL MVS, TSO/ISPF, MVS-z/OS, WINDOWS NT

Senior Programmer Analyst

1998 to 06/2003

STATE OF OHIO DEPARTMENT OF JOB AND FAMILY SERVICES MMIS

- MMIS (Medicaid Management Information Systems) Claims System team member
- Served as the Team Lead, primary analyst and designer for the implementation of Pharmacy Claims Point of Sale (POS) system interfaces with third party vendor First Health Inc. (FH)
- Attended requirements gathering meetings with First Health and state personal
- Created functional and program specifications for new programs and JOBS/JCL
- Assigned unit testing or unit tested all new programs and jobs
- Created new program/job documentation using Visio
- Sent daily updates to First Health for all major master file changes on the MMIS system including Recipient, Provider, Third Party Liability, Drug and Carrier File(s).
- Project was implemented 03/2000.
- Performed analysis, programming, debugging, unit testing and implementation of CSR's (change service requests) to the MMIS Claims System and to MARS subsystem
- Provided non-CSR production maintenance activities, such as: ad-hoc reporting, analyzing and debugging reported production user problems
- Created special COBOL programs for production fixes or reporting
- Provided production maintenance of First Health POS system
- Completed HIPAA revision activities for MMIS Claims System including: analysis, design, programming, testing and conversions



- Provided HIPAA NCPDP 5.1 and 835/837 revisions to POS interfaces for First Health's HIPAA compliant SX system

Environment: CICS, VSAM, COBOL LE, MQ SERIES, TSO/ISPF, MVS-ZOS, XPEDITER, LIBRARIAN, SCLM, WINDOWS 98

Senior Analyst/ Lead – FTE

1991 to 1998

McGraw-Hill; Columbus, OH

- Team member and Project Leader on several large projects providing requirements gathering, creating analysis and design documentation, and creating user and technical specifications
- Conducted user requirement meetings
- Directed junior staff
- Used Microsoft Project to track projects
- Created implementation and system test plans
- Senior member of a team responsible for the IMDS system, Inventory Management and Distribution System, that controls the order processing, scheduling, shipping, receiving, returns, order picking and inventory management of four individual warehouses
- Coded CA-IDEAL, CICS command level, and batch COBOL using CA-DATACOM database, VSAM, and DB2 batch SQL
- Performed Xerox Metacode print functions on Xerox printers and utilized a package called Transformer to manipulate Xerox print forms and functions

Environment: MVS, TSO-ISPF, CICS, CA-IDEAL, CA-DATACOM, DB2, VSAM, CHANGEMAN, TRANSFORMER, SDLC

Systems Engineer

1989 to 1991

Computer Task Group/ Client Welch Foods, Buffalo, NY

- Created requirements documents on converting DL/I database calls to CA-DATACOM native calls to systems
- Created programs specification documents from requirements
- Modified programs per specifications.
- Created unit test plans and executed test plans
- Implemented programs to production

Environment: CICS, VSE, ROSCOE, COBOL OS, CA-IDEAL, CA-DATACOM, DL/I

Programmer Analyst

FTE 1988 to 1989

Michigan National Bank; Lansing MI

- Maintenance and new development on the SYSTEMATICS banking deposit applications (DDA, TDA) using CICS and COBOL batch programming using VSAM.

Environment: MVS, CICS, COBOL, VSAM, TSO-ISPF, SYSTEMATICS PACKAGE

Electronic Data Systems Michigan -

FTE 1984 to 1988

Business Systems Analyst/ Blue Cross Blue Shield (10/87 to 10/88); Southfield MI

- Worked with the EDS NASCO claims processing system.
- Worked with BCBS personal defining system requirements for provider file enhancements.
- Worked with EDS programming staff on refining requirements and modified documentation.
- Created unit and system test plans for modifications
- Worked with BCBS personal in testing changes

Project Leader/ General Motors Buick Oldsmobile Cadillac, BOC (10/86 to 10/87); Southfield MI



- Supported EDS General Motors Buick Oldsmobile Cadillac BOC programming staff assuring their technical services were met by Plano datacenter tech support staff
- Primary contact for technical problems to programmers, business analysts and end users

Environment: MVS, CICS, TSO-ISPF, PANVALET

Supervisor Production Support Group/ BOC Data Center (01/86 to 10/86); Lansing MI

- Managed 5 technicians who maintained the promotion of production jobs, procedures and programs
- Project Leader of large project to convert BOC programmers to EDS standard MVS jobs and procedures

Environment: MVS, CICS, IMS, TSO-ISPF

Supervisor Computer Operations/ Computer Operator/ BOC Data Center (10/84 to 01/86); Lansing MI

- Trained in all aspects of Data Center operations
- Top of class OPD training program
- Promoted to supervisor of Tape I/O and Printer operations

Environment: MVS, CICS, IMS, TSO-ISPF



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Request for Quote

Proc Folder: 1381091			Reason for Modification:
Doc Description: Mainframe Application Programmer Technical Staffing Services			
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2024-03-05	2024-03-19 13:30	CRFQ 0802 DMV2400000003	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name : Vish Consulting Services Inc.

Address :

Street : 9655 Granite Ridge Dr STE 200

City : San Diego

State : CA **Country :** USA **Zip :** 92123

Principal Contact : Dhruv Bindra, President

Vendor Contact Phone: 916-800-3762 **Extension:**

FOR INFORMATION CONTACT THE BUYER

David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X **FEIN#** 45-3767487 **DATE** 4/1/2024

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

ADDITIONAL INFORMATION

The State of West Virginia Purchasing Division, is soliciting bids for the WV Department of Motor Vehicles (WVDMV) for 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, per the attached documentation.

INVOICE TO		SHIP TO	
DIVISION OF MOTOR VEHICLES 5707 MACCORKLE AVE. S.E., SUITE 200 CHARLESTON WV US		DIVISION OF MOTOR VEHICLES RECEIVING AND PROCESSING 5707 MACCORKLE AVENUE, S.E. SUITE 200 CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Mainframe Application Programmer Technical Staffing Services	0.00000			

Comm Code	Manufacturer	Specification	Model #
81111600			

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.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Vendor Technical Questions Due By 11:00 am., est.	2024-03-12

	Document Phase	Document Description	Page
DMV240000003	Final	Mainframe Application Programmer Technical Staffing Services	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Request for Quote

Proc Folder: 1381091
Doc Description: Mainframe Application Programmer Technical Staffing Services
Reason for Modification: Addendum No. 1
Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2024-03-18	2024-03-26 13:30	CRFQ 0802 DMV2400000003	2

BID RECEIVING LOCATION

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

Vendor Customer Code:
Vendor Name : Vish Consulting Services Inc.
Address :
Street : 9655 Granite Ridge Dr STE 200
City : San Diego
State : CA **Country :** USA **Zip :** 92123
Principal Contact : Dhruv Bindra, President
Vendor Contact Phone: 916-800-3762 **Extension:**

FOR INFORMATION CONTACT THE BUYER

David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X **FEIN#** 45-3767487 **DATE** 4/1/2024

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

ADDITIONAL INFORMATION

Addendum No. 1

To move bid opening date to allow time for the Agency to respond to all vendor questions and also allow vendors time to adjust to the responses.

Bid Opening Date is moved to 3/26/24 at 1:30 pm., est.

No other changes.

INVOICE TO**SHIP TO**

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S.E. SUITE 200

CHARLESTON WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Mainframe Application Programmer Technical Staffing Services	0.00000			

Comm Code	Manufacturer	Specification	Model #
81111600			

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.

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Vendor Technical Questions Due By 11:00 am., est.	2024-03-12

	Document Phase	Document Description	Page
DMV240000003	Final	Mainframe Application Programmer Technical Staffing Services	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



Department of Administration
 Purchasing Division
 2019 Washington Street East
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State of West Virginia
 Centralized Request for Quote

Proc Folder: 1381091
Doc Description: Mainframe Application Programmer Technical Staffing Services
Reason for Modification: Addendum No. 2
Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2024-03-19	2024-03-26 13:30	CRFQ 0802 DMV2400000003	3

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:
Vendor Name : Vish Consulting Services Inc.
Address :
Street : 9655 Granite Ridge Dr STE 200
City : San Diego
State : CA **Country :** USA **Zip :** 92123
Principal Contact : Dhruv Bindra, President
Vendor Contact Phone: 916-800-3762 **Extension:**

FOR INFORMATION CONTACT THE BUYER

David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X **FEIN#** 45-3767487 **DATE** 4/1/2024

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

ADDITIONAL INFORMATION

Addendum No. 2

To correct typo, the correct bid opening date is March 26, 2024

Bid Opening Date remains 3/26/24 at 1:30 pm., est.

No other changes.

INVOICE TODIVISION OF MOTOR
VEHICLES
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S.E. SUITE 200CHARLESTON WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Mainframe Application Programmer Technical Staffing Services	0.00000			

Comm Code	Manufacturer	Specification	Model #
81111600			

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.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Vendor Technical Questions Due By 11:00 am., est.	2024-03-12

	Document Phase	Document Description	Page
DMV240000003	Final	Mainframe Application Programmer Technical Staffing Services	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



Department of Administration
 Purchasing Division
 2019 Washington Street East
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**State of West Virginia
 Centralized Request for Quote**

Proc Folder: 1381091		Reason for Modification:	
Doc Description: Mainframe Application Programmer Technical Staffing Services		Addendum No. 3	
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2024-03-21	2024-03-28 13:30	CRFQ 0802 DMV2400000003	4

BID RECEIVING LOCATION

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VENDOR

Vendor Customer Code:
Vendor Name : Vish Consulting Services Inc.
Address :
Street : 9655 Granite Ridge Dr STE 200
City : San Diego
State : CA **Country :** USA **Zip :** 92123
Principal Contact : Dhruv Bindra, President
Vendor Contact Phone: 916-800-3762 **Extension:**

FOR INFORMATION CONTACT THE BUYER

David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X **FEIN#** 45-3767487 **DATE** 4/1/2024

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

ADDITIONAL INFORMATION

Addendum No. 3

To move Bid opening date to March 28, 2024 at 1:30 pm., est.

No other changes.

INVOICE TO**SHIP TO**DIVISION OF MOTOR
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US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Mainframe Application Programmer Technical Staffing Services	0.00000			

Comm Code**Manufacturer****Specification****Model #**

81111600

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.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Vendor Technical Questions Due By 11:00 am., est.	2024-03-12

	Document Phase	Document Description	Page
DMV240000003	Final	Mainframe Application Programmer Technical Staffing Services	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



Department of Administration
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**State of West Virginia
 Centralized Request for Quote**

Proc Folder: 1381091		Reason for Modification:	
Doc Description: Mainframe Application Programmer Technical Staffing Services		Addendum No. 4	
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2024-03-25	2024-04-02 13:30	CRFQ 0802 DMV2400000003	5

BID RECEIVING LOCATION


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VENDOR

Vendor Customer Code:
Vendor Name : Vish Consulting Services Inc.
Address :
Street : 9655 Granite Ridge Dr STE 200
City : San Diego
State : CA **Country :** USA **Zip :** 92123
Principal Contact : Dhruv Bindra, President
Vendor Contact Phone: 916-800-3762 **Extension:**

FOR INFORMATION CONTACT THE BUYER

David H Pauline
 304-558-0067
 david.h.pauline@wv.gov


Vendor Signature X **FEIN#** 45-3767487 **DATE** 4/1/2024

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

ADDITIONAL INFORMATION

Addendum No. 4

To move Bid opening date to April 2, 2024 at 1:30 pm., est.

No other changes.

INVOICE TO**SHIP TO**DIVISION OF MOTOR
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Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Mainframe Application Programmer Technical Staffing Services	0.00000			

Comm Code	Manufacturer	Specification	Model #
81111600			

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.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Vendor Technical Questions Due By 11:00 am., est.	2024-03-12

	Document Phase	Document Description	Page
DMV240000003	Final	Mainframe Application Programmer Technical Staffing Services	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



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State of West Virginia
 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
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VENDOR

Vendor Customer Code:
Vendor Name : Vish Consulting Services Inc.
Address :
Street : 9655 Granite Ridge Dr STE 200
City : San Diego
State : CA **Country :** USA **Zip :** 92123
Principal Contact : Dhruv Bindra, President
Vendor Contact Phone: 916-800-3762 **Extension:**

FOR INFORMATION CONTACT THE BUYER

David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X **FEIN#** 45-3767487 **DATE** 4/1/2024

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

ADDITIONAL INFORMATION

Addendum No. 5

To provide responses to the vendor technical questions, see attached
 To provide WV State Calendar showing State Holidays, see attached
 Bid opening date remains April 2, 2024 at 1:30 pm., est.

No other changes.

INVOICE TO**SHIP TO**

DIVISION OF MOTOR
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 SUITE 200

CHARLESTON WV
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DIVISION OF MOTOR
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 CHARLESTON WV
 US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Mainframe Application Programmer Technical Staffing Services	0.00000			

Comm Code	Manufacturer	Specification	Model #
81111600			

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.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Vendor Technical Questions Due By 11:00 am., est.	2024-03-12

	Document Phase	Document Description	Page
DMV240000003	Final	Mainframe Application Programmer Technical Staffing Services	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DMV240000003

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)

- | | | | |
|-------------------------------------|----------------|--------------------------|-----------------|
| <input checked="" type="checkbox"/> | Addendum No. 1 | <input type="checkbox"/> | Addendum No. 6 |
| <input checked="" type="checkbox"/> | Addendum No. 2 | <input type="checkbox"/> | Addendum No. 7 |
| <input checked="" type="checkbox"/> | Addendum No. 3 | <input type="checkbox"/> | Addendum No. 8 |
| <input checked="" type="checkbox"/> | Addendum No. 4 | <input type="checkbox"/> | Addendum No. 9 |
| <input checked="" type="checkbox"/> | Addendum No. 5 | <input type="checkbox"/> | 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.

Vish Consulting Services Inc.

Company



Authorized Signature

4/1/2024

Date

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