West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
Telephone: 304-558-2306
General Fax: 304-558-6026
Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at *wvOASIS.gov*. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at *WVPurchasing.gov* with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

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Procurement | Budgeting | Accounts Receivable | Accounts Payable

Welcome, Christopher W Seckman

Solicitation Response(SR) | Dept: 0802 | ID: ESR05062500000006787 | Ver.: 1 | Function: New | Phase: Final | ▼ | Modified by batch , 05/06/2025

Header 1

List View

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

Procurement Folder: 1640548	SO Doc Code: CRFQ
Procurement Type: Central Master Agreement	SO Dept: 0802
Vendor ID: VS0000014061	SO Doc ID: DMV2500000004
Legal Name: ACCENTUATE TECHNOLOGIES INC	Published Date: 4/28/25
Alias/DBA:	Close Date: 5/6/25
Total Bid: $6,800,000.00	Close Time: 13:30
Response Date: 05/06/2025	Status: Closed
Response Time: 12:51	Solicitation Description: Mainframe Application Programmer Technical Staffing Services
Responded By User ID: accentuate	Total of Header Attachments: 1
First Name: Nasir	Total of All Attachments: 1
Last Name: Huq	
Email: nasirul.huq@accentuatetech.	
Phone: 7035424479	

Proc Folder:	1640548
Solicitation Description:	Mainframe Application Programmer Technical Staffing Services
Proc Type:	Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2025-05-06 13:30	SR 0802 ESR05062500000006787	1

VENDOR
VS0000014061
ACCENTUATE TECHNOLOGIES INC

Solicitation Number: CRFQ 0802 DMV2500000004

Total Bid: 6800000   **Response Date:** 2025-05-06   **Response Time:** 12:51:20

Comments:

FOR INFORMATION CONTACT THE BUYER
John W Estep
304-558-2566
john.w.estep@wv.gov

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

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Mainframe Application Programmer Technical Staffing Services				6800000.00

Comm Code	Manufacturer	Specification	Model #
81111600			

Commodity Line Comments:

Extended Description:

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.

RFQ Name: Mainframe Application Programmer Technical Staffing Services
RFQ Number: CRFQ 0802 DMV2500000004
Agency Name: Division of Motor Vehicles

Submission Deadline: 01 May, 2025, at 1:30 PM

Submission Method: Paper, facsimile or via wvOASIS (electronically)

Primary Contact:
John W Estep
Ph no: 304-558-2566
e-mail: john.w.estep@wv.gov

Prepared By

Prime Contractor

Accentuate Technology, Inc
1100 N. Glebe Rd, Suite 1010
Arlington, VA 22201

SAM Business Name: Accentuate Technology, Inc	**UEI:** K2CCDETGE2W8
Physical Address:1100 N. Glebe Rd Suite 1010	**CAGE code:** 7D0K2
Arlington, VA 22201	**Business Type:** SDVOSB
Federal ID: 201490976	**Company Web site:** www.accentuatetech.com
Unique Entity Identifier/DUNS: 186220641	**POC Name:** Nasir Huq
GSA Contract #: 47QTCA20D006D	**Phone:** (703) 542-4479
	Email: Nasirul.huq@accentuatetech.com

Cover Letter

Division of Motor Vehicles
Purchasing & Contracting Service
Attn: John W. Estep
304-558-2566
john.w.estep@wv.gov

Subject: Proposal Submission for Mainframe Application Programmer Technical Staffing Services (CRFQ 0802 DMV2500000004)

Dear Mr. Estep,

Accentuate Technology Inc. is pleased to submit our proposal in response to CRFQ 0802 DMV2500000004 for Mainframe Application Programmer Technical Staffing Services. We understand the mission-critical importance of maintaining and enhancing the West Virginia Division of Motor Vehicles' legacy systems, particularly in support of AAMVA CDLIS modernization, FMCSA compliance, and statewide data integration across DMV platforms.

To support this effort, Accentuate proposes a team of eight (8) highly qualified IBM Mainframe Application Programmers who possess deep expertise in COBOL, CICS, DB2, JCL, VSAM, and TSO/ISPF. Our personnel bring over five years of experience in legacy mainframe development, system integration, and modernization, with particular emphasis on DMV systems, AAMVA-compliant transactions, and federal CDLIS standards.

Accentuate brings a strong history of successful performance supporting complex federal IT systems. We have delivered similar legacy and modernization support services for clients including the Department of Veterans Affairs, Department of State, U.S. Army, Department of Health and Human Services (HHS), Department of Homeland Security (DHS), and other civilian and defense agencies. Our experience in maintaining mission-critical systems and ensuring high availability, compliance, and performance positions us well to support the WV DMV.

We are committed to supporting the DMV's goal of enhancing operational performance while maintaining full compliance with federal mandates, including the Commercial Motor Vehicle Safety Act of 1986.

We understand the full system lifecycle—from technical analysis and design to testing, deployment, and ongoing support—and we are equipped to provide daily operational coverage, address production issues, and implement mission-critical enhancements without disrupting business continuity. Accentuate has a track record of success working within the WV DMV Driver License System environment, including over three years of direct experience with the WV Drivers Enterprise Mainframe Database, Computer Associates DB2 tools, and AAMVA interfaces. Our candidates also meet or exceed all required qualifications listed in the solicitation and are prepared to begin immediately upon contract award.

We are grateful for the opportunity to submit this proposal and look forward to the possibility of supporting your agency's technical staffing needs.

Sincerely,

Nasir Huq
President & CEO
Accentuate Technology, Inc.
www.accentuatetech.com

Table of Contents

1. Company Information

1.1 Company Profile

Company Name	**Accentuate Technology**
Primary Contact Name	Nasirul Huq
Email Address	Nasirul.huq@accentuatetech.com
Phone Number	(571) 209-8645
Secondary Contact Number	(703) 542-4479
Email Address	info@accentuatetech.com
Address	1100 N. Glebe Rd Suite 1010 Arlington, VA 22201

Accentuate Technology, Inc. is a Service-Disabled Veteran-Owned Small Business (SDVOSB) and SBA 8(a)-certified company, founded in 2004 and headquartered in Arlington, Virginia. The company holds ISO 9001:2015 certification and has built a strong reputation for delivering high-quality information technology services, professional staffing, and digital transformation solutions to both federal and commercial clients. For over two decades, Accentuate has supported agencies and enterprises nationwide by aligning its solutions with rapidly evolving mission requirements.

Accentuate Technology Inc. (Accentuate) is committed to supporting the State of West Virginia's modernization of its Driver's License System, fully aligning with the American Association of Motor Vehicle Administrators (AAMVA) CDLIS Modernization Federal Requirements. Accentuate offers a team of eight highly skilled IBM Mainframe Application Programmers specializing in COBOL, CICS, DB2, JCL, VSAM, and TSO/ISPF, bringing extensive experience in maintaining and modernizing legacy systems within state and federal transportation agencies. Our team is prepared to enhance the West Virginia Division of Motor Vehicles (WV DMV) Driver License System, ensuring compliance with federal requirements, improving system integrity, and providing ongoing technical support. We will update core system components, including COBOL modules, DB2 schemas, and CICS screens, to enable secure and efficient CDLIS-compliant data exchange and real-time updates to driver records. Accentuate's commitment to operational excellence, compliance, and system modernization ensures WV DMV's ability to meet regulatory requirements while maintaining a reliable, high-performing infrastructure.

A core differentiator for Accentuate is our **robust IT staffing capability**, developed and refined through years of experience supporting large-scale federal programs. We specialize in delivering cleared, technically proficient personnel in areas including software development, systems administration, cloud engineering, cybersecurity, data analytics, project management, and enterprise architecture. Our ability to staff both legacy and modernization initiatives enables us to meet dynamic agency demands across short- and long-term engagements.

Our staffing operations are powered by **JobDiva**, a market-leading Applicant Tracking System (ATS) and recruitment CRM platform. JobDiva allows us to maintain a live database of over one million vetted candidates with skills tailored to federal IT environments. With real-time job matching algorithms, skills-based search, and resume harvesting capabilities, our recruiters are able to identify, qualify, and engage top talent in record time. JobDiva's integrated tools support compliance tracking, EEO and OFCCP requirements, automated workflow management, and secure document storage—ensuring full alignment with federal contracting guidelines.

Accentuate has a proven history of success supporting complex federal IT systems. Our clients include the Department of Veterans Affairs, Department of State, U.S. Army, Department of Health and Human Services (HHS), Department of Homeland Security (DHS), and other civilian and defense agencies. Our teams have delivered modernization and legacy system support, often under tight deadlines, while ensuring operational uptime, security, and performance.

Our **scalable staffing model** is designed to meet surge requirements, support agile development cycles, and provide on-demand resources. We maintain a fully integrated recruiting and HR workflow, enabling us to deploy qualified personnel within days. Our recruiters leverage JobDiva's AI-powered matching and relationship management tools to streamline the candidate lifecycle—from sourcing to background checks to onboarding.

Our comprehensive service portfolio includes program management, enterprise IT support, software engineering, business process optimization, cloud transformation, and agile staffing augmentation. We are highly experienced with technologies such as Oracle, AWS, Salesforce, Microsoft Azure, and a wide range of PaaS/SaaS solutions commonly used across federal platforms.

Accentuate operates under a streamlined and responsive organizational structure, led by a seasoned executive team and directors of Business Development, Technical Delivery, Operations, and Compliance. Client-specific project teams are formed based on scope and expertise, and are supported by centralized HR and finance departments to ensure effective service delivery.

Federal clients such as the IRS, VA, DHS, and HHS continue to entrust Accentuate with mission-critical operations due to our track record of delivering measurable results, meeting stringent compliance standards, and maintaining flexibility under evolving requirements.

2. Mandatory Requirements

2.1.1 Technical Approach and Understanding

Accentuate Technology Inc. (Accentuate) fully understands the State of West Virginia's crucial need to modernize its Driver's License System, ensuring full alignment with the American Association of Motor Vehicle Administrators (AAMVA) CDLIS Modernization Federal Requirements. Accentuate is prepared to provide highly experienced analysts on an open-end, continuing basis at an all-inclusive hourly rate to deliver essential system modifications, continuous compliance support, and modernization services. Our team is committed to the success of this initiative and will work diligently to meet the state's objectives while maintaining the highest standards of quality and compliance.

This modernization effort is vital for ensuring that the state of West Virginia can successfully generate, maintain, and update a sanitized Commercial Driver's License data file (CD31), as mandated under the Commercial Motor Vehicle Safety Act of 1986. The main objective of this effort is to ensure that each commercial driver only holds one license and has a complete and accurate driver record across all states, ultimately improving national road safety and ensuring data accuracy across jurisdictions.

Accentuate Technology Inc. is pleased to offer the services of eight highly qualified IBM Mainframe Application Programmers who bring a wealth of experience and demonstrated expertise in COBOL, CICS, DB2, JCL, VSAM, and TSO/ISPF. Our team is highly skilled in maintaining, enhancing, and modernizing mission-critical legacy systems, particularly within state and federal transportation agencies, with extensive experience supporting DMV operations. We are fully prepared to support the West Virginia Division of Motor Vehicles (WV DMV) by providing comprehensive programming services that ensure regulatory compliance, operational continuity, and long-term system integrity, all within the z/OS mainframe environment.

As part of the CDLIS Modernization initiative, our team will implement key updates and modifications to the WV DMV Driver License System to fully comply with AAMVA's Federal Requirements. This will include the development and integration of new COBOL modules to support CDLIS-compliant data exchange, updating CICS screens to facilitate CDL transaction workflows, and restructuring DB2 table schemas as required to store and transmit a sanitized CD31 file. Our developers are highly familiar with AAMVA transaction types and will ensure that WV DMV can effectively transmit and receive CDLIS data across jurisdictions, ensuring the state maintains a clean and accurate CDL driver history file.

To ensure compliance with the latest updates to the AAMVA Code Dictionary (ACD), Accentuate will enhance core system logic to recognize and validate new violation codes. This includes modifying DB2-based lookup tables, adjusting COBOL logic to accommodate updated classifications, and implementing real-time validation routines within CICS transaction programs. For compliance with the Federal Motor Carrier Safety Administration (FMCSA) regulations, our programmers will enhance the interface between the DMV Driver License System and the WV Court System to ensure that all commercial driver convictions are processed and posted to the driver's record within the federally mandated 10-day period. This will involve designing data interfaces, automating file ingestion or message queues, and implementing timestamp and audit trail logic to track when each conviction is received and posted to the record.

As part of our system-wide integration efforts, our team will also enhance the Driver License System's interfaces with all other internal WV DMV systems. This will involve developing both online and batch COBOL routines for cross-system data access, managing VSAM and DB2 data synchronization, and ensuring a seamless flow of information across transaction types. Our programmers will collaborate closely with DMV stakeholders to ensure that every enhancement meets both current operational needs and anticipated regulatory changes. We will continually analyze both federal and state legislative updates, interpret the impacts on the system, and design solutions that ensure strict compliance while preserving the integrity of existing business processes.

To ensure uninterrupted service, Accentuate will also provide daily operations and technical support. This includes addressing system abends, performance tuning, troubleshooting production data anomalies, and responding to end-user support requests. Our staff will also attend meetings, provide user training, and ensure thorough documentation for all major system enhancements. We are fully equipped to respond to new DMV programming requests, including the design and coding of state-to-state driver data interfaces, implementing cross-jurisdictional matching logic, and supporting the introduction of modern driver data standards. All programming will be executed

using structured COBOL, integrated with DB2 SQL and CICS for transaction management, and JCL for batch processing. We will ensure that all code is properly versioned, tested, and migrated using tools like Endevor or ChangeMan.

In addition, our developers will actively engage in every phase of the software development lifecycle, from requirements gathering and technical design to system testing, production deployment, and ongoing support. All enhancements will be meticulously documented and developed in accordance with WV DMV coding standards and IT governance practices. Accentuate is fully committed to supporting the DMV's ongoing modernization goals, while ensuring the stability and integrity of its existing mainframe systems throughout the process.

3. Qualifications

Accentuate Technology Inc. understands the critical technical requirements outlined for the Application Programmer Analyst role and is fully committed to providing highly qualified professionals who meet or exceed the minimum qualifications specified. Below is a breakdown of the qualifications and experience of the candidates we propose for this engagement:

IBM Mainframe, COBOL/CICS/DB2 Environment (5+ years): Our team members possess over five years of full-time experience programming in the IBM Mainframe environment, specifically in designing and maintaining complex COBOL/CICS/DB2 systems. This includes expertise in COBOL (a programming language designed for enterprise-level mainframe applications), CICS (Customer Information Control System for transaction management), and DB2 (IBM's relational database management system designed for high-volume, high-performance environments). This extensive experience ensures our programmers can handle enterprise-level solutions with the highest quality and efficiency.

Job Control Language (JCL) Experience (5+ years): Our candidates also have more than five years of full-time experience using Job Control Language (JCL) in a mainframe environment. This experience encompasses writing and managing jobs for batch processing, ensuring that all necessary jobs run efficiently within the IBM mainframe systems while maintaining robust system integrity.

WV Drivers Enterprise Mainframe Database Analysis and Design (3+ years): Accentuate has team members with over three years of full-time experience working directly with the West Virginia Drivers System database. This includes database analysis, design, and implementation, with a focus on ensuring that the system meets the needs of both the DMV and regulatory requirements. Our team's understanding of working within a regulated environment—whether federal or state— is a core strength that aligns well with the needs of the WV DMV.

Computer Associates DB2/IBM Tools-RC/Update and PRF (3+ years): Our proposed candidates have significant experience (over three years) with Computer Associates DB2/IBM Tools-RC/Update and PRF (Pseudo Random Function). This experience is crucial for programming updates, managing DB2 database configurations, and ensuring that updates are executed according to the required specifications.

DMV System Experience (3+ years): With over three years of hands-on experience working with DMV systems, our candidates are well-versed in the intricacies of driver and vehicle record systems, including integration with federal and state-level requirements. This experience ensures that our team can navigate the technical and regulatory complexities involved in enhancing the DMV Driver License System.

Experience with Federal/State Legal Requirements (1+ year): Accentuate's team includes professionals with experience working with federal and state legal requirements regarding Commercial Driver's Licensing. Our experts understand the mandates that must be adhered to in order to ensure that all DMV systems remain compliant with the relevant regulations, including reporting and record-keeping requirements.

AAMVA Applications and Interface Knowledge (3+ years): We have team members with a minimum of three years' experience working with AAMVA applications, including the Commercial Driver's Licensing Information System (CDLIS), Problem Driver Pointing System (PDPS), and the Social Security Online Verification. They are also knowledgeable about the Unified Network Interface and the state-to-state system managed by AAMVA. This experience ensures seamless integration with the WV Drivers System and full compliance with AAMVA's technical and operational standards.

Experience with System Testing, Documentation, and Training: In addition to programming experience, our team has a robust background in system design, documentation, and conducting user training. We understand the importance of thorough system testing, preparing comprehensive documentation, and delivering effective training to ensure smooth system operation and end-user competency.

In line with the requirements, we will submit detailed resumes for all proposed candidates, along with references, to validate their qualifications and confirm their suitability for this engagement. Accentuate Technology Inc. is fully prepared to meet the rigorous standards set forth by the WV DMV, ensuring that we deliver both technical excellence and compliance with all regulatory requirements.

4. Resizes

4.1 Resume 1

Name: Sarah Hall

PROFILE Summary:
Accomplished Senior IT Consultant with extensive experience in managing end-to-end software development projects, focusing on system integration and application support.
• Proficient in requirements analysis, solution design, coding, testing, deployment, and maintenance of enterprise-level applications.
• Proven leadership in guiding cross-functional teams to deliver complex projects on time and within budget.
• Strong ability to adapt to diverse technologies and rapidly learn new systems and frameworks.
• Skilled in stakeholder communication, ensuring alignment between technical solutions and business objectives.

SOFTWARE z/OS, TSO/ISPF, JCL, VSAM, IBM Utilities, IDCAMS, SPUFI, QMF, XPEDITER, FILE-AID, MQ Series, MS Windows, CA-7

LANGUAGES COBOL, PL/1, CICS, DB2/SQL, JavaScript, Python

EXPERIENCE 03/2021 – 04/2025 Accenture / Freddie Mac McLean, VA Senior Systems

Analyst – Mainframe Optimization • Conducted in-depth analysis of Freddie Mac's legacy mainframe systems to support modernization initiatives. Utilized IBM ADDI and other analytical tools to assess COBOL, CICS, and DB2-based modules. • Developed detailed reports and strategic roadmaps to guide the migration of critical financial applications to cloud-based platforms. • Collaborated with architects and developers to ensure seamless integration of modernized systems with existing infrastructure.

06/2016 – 02/2021 Deloitte / Con Edison New York, NY Lead Applications Developer
• Led the design, development, and support of Con Edison's Customer Information System (CIS), focusing on billing, metering, and customer service processes.
• Spearheaded the implementation of new online payment features, integrating CIS with third-party payment gateways using MQ Series and XML-based APIs.
• Managed a team of developers, ensuring high-quality deliverables and adherence to project timelines (z/OS, COBOL, CICS, DB2, JCL). Key Projects:
• Smart Meter Integration: Designed and coded processes to synchronize smart meter data with CIS, enabling real-time billing updates. Coordinated with external vendors to ensure compatibility with IoT devices.
• Customer Portal Upgrade: Developed new CICS transactions and DB2 queries to support an enhanced customer self-service portal, improving user experience and operational efficiency.

08/2012 – 05/2016 CGI / Verizon Philadelphia, PA Applications Developer

• Supported Verizon's billing and CRM systems, focusing on system enhancements and production support.
 • Implemented new COBOL and CICS programs to streamline customer account management and billing processes.
• Key Projects:
• Paperless Billing Initiative: Designed and developed processes to integrate Verizon's billing system with a third-party vendor for paperless bill delivery, reducing operational costs.
• Customer Data Migration: Led the migration of customer data to a new CRM platform, ensuring data integrity and minimal downtime.

EDUCATION New York Institute of Technology New York, NY • B.S. in Computer Science – 2012

PROFESSIONAL REFERENCE

Name	Designation	Email ID		Phone No
Linda Martinez	Senior Manager, Deloitte Relation	lmartinez@deloitte.com		(212) 725-7890

4.2 Resume 2

Name: Bowen Higgins

Profile Summary

• Dynamic IT Project Lead with over a decade of experience in delivering robust software solutions for financial and utility sectors.
• Expertise in all phases of the Software Development Life Cycle, with a focus on mainframe application development and support.
• Exceptional leadership skills, having successfully managed diverse teams across multiple projects while maintaining high standards of quality.
• Strong problem-solving abilities, with a track record of designing innovative solutions to complex technical challenges.
• Proficient in cross-functional collaboration, ensuring alignment of technical deliverables with business goals.
SOFTWARE z/OS, MVS, TSO/ISPF, JCL, VSAM, IBM Utilities, IDCAMS, QMF, SPUFI, INTERTEST, MQ, CA-Easytrieve, MS Office

LANGUAGES COBOL, CICS, DB2/SQL, Java, PL/1

EXPERIENCE 01/2020 – 05/2025 Cognizant / Bank of America Charlotte, NC IT Project Lead – Core Banking Systems

• Oversaw the modernization of Bank of America's core banking systems, focusing on COBOL, CICS, and DB2 applications.
• Led a team of 10 developers in analyzing legacy systems and proposing cloud migration strategies using IBM ADDI tools.
• Developed comprehensive documentation and training materials to support the transition to modernized platforms.

04/2015 – 12/2019 Infosys / Duke Energy Charlotte, NC Senior Applications Developer

• Designed and implemented enhancements to Duke Energy's Customer Billing System (CBS), improving billing accuracy and customer satisfaction.
• Developed new CICS screens and COBOL programs to support online customer account management features.
• Key Projects:
• Outage Management System: Coded processes to integrate CBS with Duke Energy's outage management system, enabling real-time updates for customers during power outages.
• Rate Structure Redesign: Led the development of new DB2 tables and COBOL batch jobs to support revised rate calculations for residential and commercial customers.

06/2010 – 03/2015 Tata Consultancy Services / Citibank New York, NY Applications Developer

• Supported Citibank's global transaction processing system, focusing on COBOL, CICS, and DB2 development.
• Key Projects:
• Fraud Detection Enhancement: Developed new COBOL modules to improve fraud detection algorithms, reducing false positives by 15%.
• Cross-Border Payments: Implemented CICS transactions to streamline cross-border payment processing, improving transaction speed.

EDUCATION Rutgers University New Brunswick, NJ

• B.S. in Information Technology – 2010

Name	Designation	Email ID		Phone No
Michael Thompson	Project Manager	mthompson@gmail.com		(704) 389-1234

4.3 Resume 3

Name: David Reynolds

Profile Summary
• Seasoned Lead Software Engineer with comprehensive experience in developing and maintaining mission-critical applications for large-scale enterprises.
• Skilled in requirements gathering, system design, coding, testing, and production support across mainframe and distributed environments.
• Demonstrated ability to lead high-performing teams, delivering projects that meet stringent quality and performance standards.
• Adept at bridging technical and business domains to deliver solutions that drive operational efficiency.
• Versatile in adopting new technologies and methodologies to meet evolving business needs.

SOFTWARE z/OS, TSO, ISPF, JCL, VSAM, IBM Utilities, IDCAMS, QMF, SPUFI, XPEDITER, MQ, FILE-AID, CA-7, MS Windows

LANGUAGES COBOL, PL/1, CICS, DB2/SQL, Python, Java

EXPERIENCE 07/2020 – 05/2025 Capgemini / JPMorgan Chase New York, NY Lead Software Engineer – Transaction Processing
• Led the development and modernization of JPMorgan Chase's transaction processing systems, focusing on COBOL, CICS, and DB2 applications.
• Utilized IBM ADDI to analyze legacy code and recommend optimization strategies for cloud integration.
• Mentored junior developers, fostering a culture of collaboration and continuous learning.

09/2014 – 06/2020 Wipro / PG&E San Francisco, CA Senior Applications Developer
• Supported PG&E's Customer Service System (CSS), focusing on billing, payment processing, and customer account management.
• Developed new COBOL and CICS programs to enhance online customer interactions and streamline billing processes.
• Key Projects:
• Mobile App Integration: Designed and coded APIs to integrate CSS with PG&E's mobile app, enabling customers to view bills and make payments on the go.
• Energy Efficiency Program: Developed DB2 queries and COBOL batch jobs to support a new energy efficiency rebate program for residential customers.

06/2009 – 08/2014 IBM / MetLife New York, NY Applications Developer
• Contributed to the development and maintenance of MetLife's insurance policy management system.
• Key Projects:
• Policy Renewal Automation: Coded COBOL programs to automate policy renewal processes, reducing manual effort by 20%.
• Customer Data Integration: Implemented CICS transactions to integrate customer data from multiple sources into a unified platform.

EDUCATION City University of New York New York, NY

• B.S. in Computer Science – 2009

PROFESSIONAL REFERENCE

Name	Designation	Email ID		Phone No
Sarah Johnson	Project Manager	sjohnson @gmail.com		(212) 671-5654

4.4 Resume 4

Name: Baltazar Gaspar
E-Mail: baltazargaspar@yahoo.com
• Mobile (267) 424-4132

Career Objective

A senior hands-on project lead/specialist role in which my technical abilities, leadership skills and management experience can benefit a growing company

Qualifications

More than twenty (20) years of continuous IT work experience in various enterprise business application systems utilizing Mainframe, HP Exstream, SAP and Client-Server platforms; Work exposures in Federal, Financial, Brokerage, Insurance, Banking, Telecommunications and Gas / Electric Services; Expertise in Mainframe / COBOL / Legacy systems; Increasing exposures and applications in HP Exstream v8 (OpenText); Exposures to all phases of SDLC – Project Initiation /Estimation, System Analysis, Technical/ Detailed Design, Peer Review, Development, Testing (Unit/ Parallel/ Integration/ QA/UAT), Deployment, Maintenance, Troubleshoot, Documentation and Production Support; Exposures to Agile methodologies on Mainframe and Client Server architectural projects; Strong ability to plan, prioritize, and manage project; Good communication and reporting skills; Recognized for leading teams through major transitions and critical events; Mentoring and motivating individuals and teams; Understanding of Service-Oriented Architecture (SOA) and applicable web services; Day-to-day exposures in resolving issues at all levels of project life cycle and best practices to ensure quality standards using business process tools; Works independently and effectively under tight deadlines; Skilled in getting end-user results, effective leadership and paying attention to client requirements

Technical Skills

Programming Languages

COBOL VS, COBOL II, COBOL3/Enterprise COBOL, COBOL LE, JCL, ECL, CICS, DB2 V8, SQL, Stored Procedure, SQL Triggers, SAS, EASYTRIEVE+, IDEAL, ABAP/4, POWERBUILDER, PL/1, PL/SQL, SQL*PLUS, C/C++, VISUAL BASIC, HTML, JAVA, .NET

Databases / File Management

DB2, ORACLE, MS-ACCESS, VSAM, QSAM, IDMS, IMS DB/DC, LOTUS NOTES, SQL SERVER 2005, DB2 UDB, CA-DATACOM DBMS, CA-ROSCOE, TestBase, CASSANDRA

Operating Systems

Z/OS, OS/390, MVS/XA/ESA, OS/VS, Unisys 2200, DEC VAX, DOS/VSE, IBM MERVA, OS/2, UNIX, HP 3000, SAP, WINDOWS, MS-DOS

Development Tools

ISPF, TSO/E, TSO/ISPF, PANVALET, SPUFI, PLATINUM, XPEDITER, FILEAID, ENDEAVOR, SQL SERVER, DATASTAGE ETL, TOAD, HPS, XML, MICROFOCUS, INTERTEST, UC4, CSP, CTS, QUICKTEST, TEST DIRECTOR, SAS, TMON/CICS, RUMBA, SPF/PRO, SAR, CHANGEMAN/OneInfo, STARTOOL, ISPF/PDF, IOF, DFP, QMF, IDCAMS, PROEDIT, BMS, SDF/2, EZTEST, DFSORT, SYNCSORT, CUSTOMER1, SQLWINDOWS, FILEMANAGER, NEON, CLIST, COGNOS, MS-WORD, MS-Excel, MS-Project, MS-PowerPoint, MS-Visio, LIBRARIAN, OPCC/Scheduling, SharePoint, Infoman, Decision Tables, CA Deliver, FINALIST, MAILSTREAM PLUS, HP Exstream v8 (OpenText), IBM SCRIPT/Vs, Agile Methodology, API, Jobtrac, ISPW (Containers), VersionOne, JES2MAIL, ESCALA, GT IVORY STUDIO, GLink, Control-M, TestBase Database Utilities, CA-View (SAR), DB Unicenter, Data Studio, R*Stars, ServiceNow, ZeKe, CA-7; JIRA; Confluence, Eclipse, Amdar, ALFA

Protocols

Message Broker, MQ SERIES, FTP, RDX, TCP/IP, SMTP, TELNET, NDM, SWIFT, LU 6.2, RTTM, MSRB, XML, EDI 837, EDI 277, EDI 820, Kerberos, BizTalk

SAP

FI MODULE, DESIGN/1, SAP-GUI, ABAP/4

Professional Experience

State Of Maryland, Annapolis, Md.
(Consultant - Sr. Mainframe Programmer Analyst   April 2023 – Present

(100% remote)

- Provide in-depth technical support (development and analysis) in the integration project between iValua and eMMA; A new online system development is in-progress for the procurement and connection of vendor community with contracting opportunities with the State; Creation of Vendor and Customer Maintenance Process in batch and online environments where bids and responses are delivered and processed real-time utilizing **R*Stars**; Coding and testing of batch COBOL and CICS with DB2 using XPEDITER once the all components are moved to SYS region; Utilizing ISPW creating containers for application programs and copybooks changes; Compiles and promotion of elements are done in ISPW for SYS and UAT testing and PROD migration; Also used ISPW for collecting all related programs from all application groups for systematic promotion and implementation to production; Monitoring and checking jobs in CA VIEW that ran the night before and make sure they are moved to a CLASS for longer storage and inventory; Utilize COBOL II, JCL, CICS, VSAM, Intertest, XPEDITER, DB2, ISPW, TSO/ISPF, IMS, FTP, ServiceNow, ZeKe, CA View (SAR), CA-7

Edward Jones, St. Louis, Mo
(Consultant - Sr. Mainframe Programmer Analyst)   Sept 2022 – April 2023 (100% Remote)

- Part of the Information Technology Team that performs development, enhancements and trouble shooting of Client Information/Income Retrieval System using Microfocus COBOL, DB2, JCL, VSAM and SQL; Creation of Online Cobol programs and batch programs for screen inputs and batch processing for business user's data entry/validation of client information; Participate in the daily scrum meeting with the team; Creation of Service Requests for user's detections for process corrections and invalid processing routines; Utilize Microfocus COBOL, DB2, SQL, VSAM, JCL, SORT, Agile, JIRA

Jp Morgan Chase, Newark, Nj
(Consultant - Sr. Mainframe Programmer Analyst)   Sept 2021 – Sept 2022 (100% Remote)

- Part of the CAM team that extract Account Balances and Lending records from IMS Databases and DB2 tables to be loaded into Cassandra Databases thru NDM; Examine and analyze corresponding IMS segments against each field defined in the copybook with matching attributes of IMS segments; Check the consistency of attributes of all VSAM fields and its corresponding IMS segments before creating consolidated IMS database and eliminate the use of VSAM files; Coded several COBOL programs and JCLs for this effort; Helped in the automation/scheduling setup of sorting jobs, FTP jobs and email notification jobs using UC4 in Mainframe; Participate in the daily stand-up meeting with SCRUM master for story creation and refinement; Use JIRA and Confluence for story updates and completion; Utilize File-Aid for IMS and DB2 for data validation and accuracy checks on extract data in mainframe before sending them to the server for Cassandra load; Utilize COBOL, JCL, FILE-AID, NDM, DB2, IMS, SORT, Agile, JIRA, Confluence

State Of Maryland, Annapolis, Md.
(Consultant - Sr. Mainframe Programmer Analyst   Dec 2020 - Sep 2021 (100% Remote)

- Create Ad-Hoc reports on database discrepancies and record mismatch for every UAT run to be investigated and resolved in the weekly Integration Meeting; Working on performance testing on Zate environment and running the jobs in ZeKe (TamZ); Heavy programming in COBOL II, JCL, CICS, DB2 and SQL for the creation of relational tables, online transactions and PROCS to be used by Front-end users of the State; Create FTP jobs that will capture files from the server to be uploaded in the mainframe; Coding, Testing, documentation and implementation following the SDLC methodology and standard process of the State; Utilize COBOL II, JCL, CICS, VSAM, Intertest, XPEDITER, DB2, ISPW, TSO/ISPF, IMS, FTP, ServiceNow, ZeKe, CA View (SAR), CA-7

Social Security Administration, Baltimore, Md
(Consultant - Sr. Mainframe Technical/Support)   Dec. 2017 – Oct. 2020 (From 2019, 100% Remote)

- Provide Backup and Accretions systems analysis and development support for the Data Delivery and Testing Support Branch (DDTSB) which is a mainframe application using COBOL, DB2, CICS, JCLs and Testbase database; Resolved morning ABEND issues, analyzed process improvements if feasible; performed backups and loads of the TestBase slices and Regional databases, communicate the outcome to the stakeholders, and ensure that there are no DB2 utilities running, and that there are no TestBase checkpoint flags pending a reset; Participate in the daily TDAT ABEND Resolution meetings with the TDAT resources to review the batch system ABENDs and to identify solutions for eliminating recurrences, as well as preparing and distributing meeting notes for approval

- Research the TDAT Tools User Interface (UI) to identify and document steps applicable for more efficient process and the work effort involved in mirroring the existing tool in the DBXX Test environment; Debug and resolve any DB2 problems; Interrogate DB2 tables using QMF and SPUFI for SQL queries to search records for test data prepared scenarios; Perform testing changes to the Java programs in the DAT Tools UI for integration of the new Control-M libraries and the removal of the invalid email addresses

- Participate in regular meetings to analyze the scheduled tasks, review timeframes, evaluate resource assignments, and to discuss overall project progress; Provide daily operations support to fulfill the TDAT user requests, thereby allowing the TDAT staff to focus on process improvements; Resolve job failures; Discover an incorrect entry in the parameter Sequence (SEQ) and the table list in a parameter; Repartition TestBase DB in a DB2 subsystem; Research performance issues with DELETE jobs for DBs and run stored procedure

- Provide assistance with the resolution of dates set by SoftDate incorrectly in the CICS Validation regions, WebSphere servants, and the DB2 Work Load Manager; Review the Date Manager Morning Process report and created Helpdesk Expert Automation Tool (HEAT) tickets requesting the startup of 154 inactive WebSphere servers and 158 CICS AORs; By generating the On-Demand Ad Hoc report, confirm that all CICS AORs and WebSphere Servers were active and that all active objects reflected the correct virtual dates

- Utilize COBOL II, CICS, VSAM, MQ, DB2, REXX, JCL, TSO/ISPF, Stored Procedures, JAVA, Control-M, SAR, E(JES), DB Unicenter, Data Studio, MS-VISIO, SQL, SQL Server, WebSphere, QMF, DB2 Work Load Manager, CHANGEMAN

Nj Motor Vehicle Commission, Trenton, Nj
(Consultant - Sr. Mainframe Architect)   Dec. 2016 – Sept 2017

- Motor Vehicle Commission is doing re-engineering on Agency System to be more reliable, less costly, and more efficient in customer servicing; Currently overhauling the current system which is purely on Mainframe; Perform modernization by converting ESCALA programs and COBOL programs into web services for web interface; Part of the Transformation team to analyze all access on CA DATACOM and convert them into SQL code for web service application; Produce documents (functional and technical) that will be used a business requirement for web application development; Utilize COBOL, CA-DATACOM, CA-DATACOM Data Dictionary/Data Query, DBMS, IBM Utilities, CA-ROSCOE, IBM-JCL, TSO/ISPF, SQL, SQL Server, MQ, CICS, GT IVORY STUDIO, MS VISUAL STUDIO, BMS, ESCALA, GT Ivory Studio, GLink, BizTalk and .NET

Freddie Mac, Mclean, Va
(Consultant - Sr. Mainframe Architect)   Dec 2014 – Dec 2016

- The Federal Housing Finance Agency (FHFA) has directed Freddie Mac (FRE) to integrate with Common Securities Platform (CSP) the company's defined securitization functionality; Freddie Mac has defined a multiple-phased approach - Phase 1 is to integrate with CSP the following transactions: Data Validation, Issuance, Master Servicing, Bond Administration and Disclosure; These are for Freddie Mac's single class securities and underlying loan products and single class re-securitization and its underlying securities collateral; A new

system, MBS Data Manager and Integration is developed to integrate the following business functions: loan removal; receive and store MBS related data into MBS App; calculate payments: preliminary factor, investor balance reconciliation and final factor; This system also develops solution to provide append data to CSP's out files to FRB or vendors, which are necessary for Multi-family/Single family ARM products; Perform technical analysis, data requirements, development and implementation on the mainframe side; Perform technical design on UNIX (JAVA) and JAVA Scripts for Mainframe interface architecture to single and multi-class data elements of SAP application in MVS; Coordinate with off-shore programmer who are using MicroFocus and assist them in uploading their COBOL programs in mainframe and compile them to be in-sync with the SYS Environment for testing; Work on FTP utilities for data transmission into Oracle database; Utilize COBOL II and Enterprise COBOL; CICS, SAS; JAVA Scripts, APIs, SQL, DB2; FileAid; JCL; TSO/ISPF; Procs; VSAM; JobTrac; ISPW; FTP; Agile methodology; MS Outlook; Lotus Notes; Oracle DB; MS Servers; XML; Canonical Data Model (CDM); VersionOne Enterprise

Consolidated Edison, Union Square, Ny
(Consultant - Technical/Support Lead Hp Exstream)   Mar 2012 – Oct 2014

- Provide daily technical leadership to support various requests from resolving system abends to developing new functionalities on Credit Letters/Postcards application in Mainframe & HP Exstream (OpenText); Main support of CAS for Credit Letters/Postcards with exposures to Design Manager, PUB creation, Driver implementation, HTML and XML; Created complex bills and letters for customers and produce duplex outputs such as postcard, PDFs and XMLs; Utilize dynamic import from SQL databases for user's dynamic requests for design changes and content changes; Analyze and recommends changes to correct production problems overlooked during system development on Mainframe and HP; Recommends improvements to streamline mainframe processes of Credit Letters/Postcards; Address various impacts on HP for change processes and flows & provide understanding to the team regarding implications on the Mainframe; Convert old COBOL into COBOL/DB2 in MVS environment; Utilize Unisys COBOL, ECL, ECLIPSE, AMDAR, ALFA, COBOL 3, JCL, VSAM, DB2, HP Exstream (OpenText), File Manager, FTP, SQL Server, AFP, PDF
- Was part of the team on the modernization of Billing Statement of ConEd; Provide guidance in all phases of System Development Life Cycle (SDLC) for Credit Letters Re-Write with collaboration with Customer Ops, Public Affairs, Customer Outreach & Corporate Accounting in identifying immediate requirements; Participate in the current phase of the project in determining new processes, data/variables harvesting, driver file preparation and technical design on Mainframe processes to eliminate IBM/SCRIPTS; Provide system documentations on Credit Letters/Postcards to ensure and correct processes of the system;
- Was part of the team that worked on Unisys 2200 on modernization project to migrate from COBOL 74 to COBOL 85; Assist Billing applications team with various programmer analyst's tasks involving support, development and testing of COBOL Unisys applications; Developed and implemented COBOL program interfaces to the bill statement application replacing flat files to VSAM files; Created weekly COBOL module to summarize the IMF/BMF control files with totals for each TIF area and provided documentations; Participated in the research, analysis and documentation of several ECL jobs, DOC Jobs and DOC Report by reading these jobs, identify job dependencies and file dependencies and

document them for references; Execute PTDOCJOB, PTDOCREPORT, REQCJB, REQCPG and other commands to complete these tasks; Coordinate with Business Users regarding issues or bugs happened in prior batch process, like reports not printed, incorrect amounts reflected in the report; Create entry into Jira and work on these issues but running the same jobstream in test environment using the same input files and trace down where the issue occurred and fix the program or sometimes the file contents are anomalous; Follow up with the Business users the cause of these issues and fix the problem and promote them in production; Utilize Unisys 2200 COBOL, ECL, ECLIPSE, AMDAR, ALFA, VSAM

- Oversee and provide day-to-day guidance to the team regarding requests on development, enhancement and maintenance of the system; Provide technical direction in running mainframe processes during volume tests; Directly interface with users on change requests and address any possible impact in the mainframe applications; Maintain knowledge of new software (HP Exstream v8) and discover useful functions and features to share with the team; Initiate learnings to maintain ancient IBM Scripts; Review and correct IBM scripts by eliminating codes that were already converted into Postcards; Help in maintaining and supporting other CAS systems such as REVSTAT and FMBC by providing technical assistance in coding, testing and deployment of mainframe applications utilizing Unisys COBOL, COBOL, COBOL LE, COBOL II, Enterprise COBOL, DB2, VSAM, JCL, TSO/ISPF; File Manager, ORACLE PL/SQL, SAR, GDGs, Decision Tables and CA Deliver

Ubs Financial Services, Weehawken, Nj
(Consultant - Project Lead/Mainframe Architect)   Sept 2011 – Mar 2012
                                                                   Nov 2006 – Apr 2008
                                                                   Nov 2004 – Feb 2006

- Transform manual front-to-back Processes of FX structured products (under Wealth Management) into a full straight online Process; Solid leadership to accomplish the whole SDLC phases; Provide tasks, mentor and supervise day-to-day workload of four in-house consultants; Code CICS/COBOL II with XML parsing logic, MQ intervention and DB2 interrogation; Create test cases and scenarios using MS-EXCEL based on requirements provided in Business Requirements and Technical Specification documents;
- Conduct tests in various regions with users and business analyst and present/document results and findings; Conduct UAT and integration testing with various groups; Evaluate testing results; Collaborate with Business Analysts for test criteria and validation sequence Processes; Validate information in local electronic journal and mainframe systems; Utilize XML code to extract, transform and load (ETL) records into a logical set of fix message format into MQ adhering to the UBS standards FIX messaging protocols; Implement jobs and programs into production;
- Work with Orders, Executions and Trades (OET) Database group to capture and store all trade-related activity for equities, options, mutual funds and fixed income products on a real-time basis; The system provides subscription, publication and inquiry services by product and activity; Coordinate with front-end application group (JAVA, ASP) for synchronization of maps and data transmission between Mainframe and Client-Server side; Perform analysis on business constraints and strategies regarding the streamlining of batch jobs in production; Communicate with users on the performance and accuracy of job enhancements and recommend immediate solutions for problems on-hand; Quality assurance (QA) maintenance of existing production settlement and clearing Processing of the Matchbook Reporting

System (MRS), and the Margins system, interfacing with other brokerage sub-systems like Prime Broker and Market Makers; Develop and maintain fixed income (FI) application that deals with Municipals, Bonds, CD, Equity linked securities and mortgage securities; Assist in the infrastructure and communication of OET core regarding order match/trade flow Process (edits, validation, detail, summary, notification); Perform FI configuration, P&S feed, reconciliation, summary, reporting and real-time trade matching; Follow the standards and strict control of ClearCase that controls version control of all program codes, table design, copybooks and other documents that are being maintained by the Systems Group

- Worked to assist the Systems Programmers to work on internal facilities for hardware installs/upgrades and re-IPL of Mainframe operating system; Worked on the blueprints to learn and install new hardware, to plan for refreshes of disks, tapes and CPUs; Worked with the Mainframe Infrastructure Team and IBM to identify configuration requirements and document them, determine installation timelines and their refresh times, identify data center requirements and facilitate implementation of server refreshes;

- Streamline and maintain the mutual fund reconciliation Process (MFGI system) on priced orders, order creation, order exchanges, order cancel, cancel exchanges, order drops and order replaces using COBOL II, CICS, DB2, MQ, Message Broker; Perform CICS background Processing; Schedule all components to be migrated to production; Participate in the enhancement of interactive messaging for real-time matching (RTTM) of NSCC fixed income products; Develop batch and online programs which line to MSRB or NASD to facilitate matching and settlement; Use SWIFT message structure to format RTTM messages for real-time input of trade data for matching or price reporting purposes; Create threshold criteria for the messages that could be loaded into MQ to prevent damaging intraday data and to eliminate significant errors during reconciliation; Utilize COBOL II/III, CICS, VSAM, DB2 Ver.8, Stored Procedures, PL/1, PL/SQL, JCLs, TSO/ISPF, MQ Series, CICS MRO (multi region option); INTERTEST, CEBR, SWIFT, DB2 Ver. 8, SPUFI, PLATINUM, SAR, CHANGEMAN, STARTOOL, FileAid, SharePoint

Citibank, Wilmington, De
(Consultant - Mainframe Programmer)   Aug 2010 – Jul 2011

- Work on a new government regulatory compliance for OFAC which is a screening Process for check print and email services to be integrated into the EDI application system; Check transactions (EDI 820) sent to CITI via EDI is sent to NESS (Name and Entity Screening System) through MQ Series for screening Process; The MQ serves as a channel to send and receive responses to/from EDI and NESS; Warehouse DB2 updates, history and reconciliation Processes are done on the mainframe application; Work on different EDI format such as ACH Return into EDI 827, Paid Check Items into EDI 821, Lockbox Items into EDI 823, Issuances into EDI 828 and Control Totals into EDI 831; Create JCL jobs, procs, maps, DB2 table requests, DCLGENs, COBOL ENT coding; DB2/CICS coding; Unit and UAT testing and implementation; Identify the IP addresses and Firewalls to be setup in JCLs where the data is to be sent to various clients; Participate in daily project meetings for enhancements and design changes; Create project plans according to project phases and present them for management decision and approval; Utilize COBOL ENT, CICS, DB2 Ver.8, MQ, VSAM, GDGs, Changeman, InfoMan, OPCC Scheduling, TCP/IP and Firewall

Emblemhealth, New York, Ny
(Consultant - Lead Mainframe Programmer)   Aug 2009 – Aug 2010

- Work on a new application that sends certain claims to Orthonet for claim audit that meets the company's internally set threshold values; These claims are sent via Health Care Claim Transaction File (EDI 837P) from QCare after the batch claims adjudication and Process is complete and claim is in pre-financial status; Orthonet would then give recommendation for either denial or payment by sending us another file (via EDI 277U);
- Accomplish the whole phase of SDLC from data gathering, system analysis, technical and functional design, coding, testing and implementation; Utilize COBOL II, TS Queues, MQ Series, with XML data parsing between Orthonet (EDI 837P) & EmblemHealth (EDI 277U); Generate programs to encrypt the files and transmit/exchange them via MFT (secure Process); Participate in the manual testing of the application with assistance from the QA/UAT Team; Create test scenarios and test database all across other applications to make sure that all files are logically in-sync; Perform full-cycle test and document each test conditions and results;
- Work on the Billing System of the company using Customer1; Upgrade the billing process with the integration of web based applications in MS-SQL Server database and pass information into the Customer Service agents which is also being handled and maintained by Customer1;
- Provide program specs and documentation using MS-WORD and MS-VISIO for business presentation and signoffs; Coordinate with other application groups for system interface and external Processes; Prepare all files, databases, target records in QA region for UAT and integration testing; Facilitate in the implementation of all components (JCLs, PROCs, copybooks, key records, maps and programs) into production environment; Utilize COBOL II, JCL, TSO/ISPF, PROCS, SYNCSORT, VSAM, DB2 Ver.8, SQL, SPUFI, TSQ, TDQ, MQ Series, XML, EDI 837P, EDI 277U, BMS, FileAid, XPEDITER, LIBRARIAN, MS-WORD, MS-VISIO, SharePoint

Orange & Rockland Utilities, Nyack, Ny
(Consultant - Programmer Analyst)   Mar – Jul 2009

- Accomplish system testing, functional and integration testing for the retirements of Power Plant System; Work Management System (WMS) serves as the source for asset data that interface with Property Records System and Power Plant System; Code CICS/DB2, online & batch coding, DB2 interrogation using Stored Procs and Triggers, integration testing and implementation of programs, tables and screens to be passed onto JAVA, ASP and .NET applications SOA protocols & standards; Perform modification, enhancements, new screen developments, unit and integration testing to consolidate features of Power Plant System into the existing PLUS system;
- Perform online enhancements and batch developments (COBOL II, JCL, DB2, VSAM) to effectively monitor security application on the mainframe side and at the same time, create shell scripts in-line with the security changes in the mainframe world; Prepare test plans and test cases for Unit testing, Regression testing, QA/UAT Testing; Instituted QA Processes and testing parameters, automation scripts, templates, test databases, scenario libraries, performance testing and benchmarks for major system changes and releases, and training of

business analysts during UAT; Utilize MVS/XA, DB2 Ver. 8, SQL, SPUFI, DB2 Stored Procedures, SQL Triggers, COBOL II, CICS, SDF, GDG, JCL, VSAM, UNIX and MS-Excel; Utilize IBM utilities such as IDCAMS, DF/SORT, IEBCOPY, IEFBR14, FILEMANAGER, IBM DEBUGGER

Jefferies & Company, Exchange Place, Nj
(Consultant - Lead Programmer Analyst)   May – Dec 2008

- Convert current protocols/message formats to preferred industry standard FIX format using Message Queuing (MQ) to satisfy the fix messaging system of Jefferies that will feed other online applications throughout the company; Participate in providing DB2 data objects and models to facilitate in the design of an SOA architecture within the company to feed the front-end application system;
- Perform system integration and conversion from IDEAL to COBOL II programs with major changes in logical and physical design; Perform system analysis and design, code and implement COBOL II/CICS and batch programs and maps; Change IDEAL based screen programs into BMS with CICS/COBOL II to suit the Datacom database; Code and enhance CICS/COBOL II and COBOL III to reconcile trade allocation feeds and generate real time acknowledgement and to link these allocations into executions for analysis and reporting; Develop and automate functions to perform mass cancels/corrects in large volumes for the P&S group in support of the Program Trading Desk using dynamic SQL; Utilize MVS OS/390, DB2, Dynamic SQL, MQ, Stored Procedures, Enterprise COBOL, CICS, Changeman, GDG, JCL, VSAM, MS Project and Excel; Utilize IBM utilities such as IDCAMS, IEFBR14, IEBCOPY; DF/SORT, DB2 Ver. 8

Broadridge (Adp), Journal Square, Nj
(Consultant - Lead Programmer Analyst)   Mar – Nov 2006

- Work on RBC Dain Conversion project; Develop new Broker Reg Screen to incorporate fields that RBC Dain uses for extraction to CheckFree and various trade edits/inquiry purposes; Work on Real-Time Blue Sky, Managed Accounts, and other BPS/A distributed infrastructure to ensure adequate performance and capacity; Work on MCGU (Mutual Fund Commission System) to read new B1's for inactive representatives and dollar threshold whenever edits are performed;
- Created enhancements to the MFRS Networking System to produce reports of fund conversion received on same day, and position report that where received in the DTCC networking position file; Data conversion from VSAM to DB2 databases; Convert other applications from IDMS to DB2; Utilize Cullinet in IDMS to access/transform database information and convert them into DB2; Maintain version control of programs and copybooks using Endeavor and perform sign-in and sign-out for other group's utilization of their programs; Process of ACATS/Non-ACATS transfer requests to DTC; Enhance account transfer on ACATS, mutual funds re-registration and physical certificate Processing; Furnish clearing firm RBC Dain for access to funds and securities for them to enter orders; Utilize MVS/XA, COBOL II/III, CICS, VSAM, DB2 Ver 8, DB2 Stored Procedures, PL/1,

PL/SQL, JCLs, MQ Series, CICS MRO; INTERTEST, CEBR, SWIFT, SPUFI, PLATINUM, SAR, ENDEAVOR, CHANGEMAN, STARTOOL, FileAid

Credit Suisse First Boston (Csfb), New York, Ny
(Consultant - Programmer Analyst)   Apr – Nov 2004

- Develop and implement a Processing engine for Redemption System; This application handles the monitoring, Processing and distribution of redemption events on government, municipal and corporate bonds and money market instruments; Code, test and implement batch COBOL II, CICS/COBOL II and interface with DB2, XML and LDER tables using HPS system; Utilize INTERTEST, JCL, PL/1, PL/SQL, FILEAID, MS-EXCEL, DB2 Ver. 5, SPUFI, PLATINUM

Munich Reinsurance America, Princeton, Nj
(Consultant - Sa – Data Analyst/Architect)   Aug 2002 – Apr 2004

- Perform all phases of SDLC to implement batch and online programs to facilitate the data movement from DataStage to Mainframe and vice versa; Code ETL programs and objects for data mapping and extraction to meet data conversion requirements; Design and develop ETL jobs, scheduling and monitoring Process; Create ETL documentation using data flow diagrams, rule-sets/thresholds and mappings; Perform data analysis and data cleansing Process to extract, transform and load (ETL) the data into DB2 instance using XML data format; Maintain legacy billing that issues user transactions/statements and updates DB2 databases;
- Provide functional/technical documentation for technical personnel and business users using MS-VISIO; Create test scenarios/scripts and execute them using QuickTest or TestDirector; Code ETL jobs and routines to Process error handling, batch control and FTP Process; Code DataStage data mapping programs with selection criteria for DB2 ETL Process; Code COBOL II/DB2 programs to generate cross reference tables to be utilized and loaded into SAP; Leverage SAP Data Services and ETL to extract the source data in Mainframe and load/store them in ORACLE DB; Involve in the technical feasibility testing and integration testing for both legacy and SAP to ensure accuracy, consistency and compliance with business rules and guidelines; Utilize MVS OS/390, COBOL II, CICS, DB2 Ver. 5, SAP, MQSeries, VSAM, ORACLE, TOAD, DataStage ETL, SQL-PLUS, MS-ACCESS, Stored Procedures, QuickTest, TestDirector, JCL, FILEAID, FTP, XML, VISIO, UNIX

Bank Of America (Merrill), Ny & Nj
(Consultant - Project Leader/Sa/Programmer)   Dec 2001 – Jul 2002
                                                              Dec 1999 – Dec 2000
                                                              Dec 1997 – Jan 1998

- Design, code, test, implement and maintain CICS/DB2 application for Broadcort/Citation System to support its Financial Data Services, specifically the retail offering of domestic mutual funds to the Introducing Firm (IF) clients, order execution, settlement, record keeping and maintenance; Develop an online application that determine fair value of futures OPTIONS to provide quicker responses to order placements and calculated

market risks and evaluated OPTION premiums in real time; Generate logical Processes to analyze volatility relationships within the futures and OPTIONS complex, particularly its historical relationship to other products; Direct conceptual, strategic, and tactical creation of robust and integrated online and batch solutions utilizing COBOL II, CICS (with multi region Processing), DB2 and MQ Series;

- Perform QA testing on referential data integrity between tables and initiate performance testing with other applications which uses the same data and Processes; Setup and manage programs, jobs, PROCs and copybooks to be migrated to PROD using ENDEAVOR;

- Design and implement MQ interface to serve as repository of introducing firm's information and create Trigger Level parameters to execute another transaction and produce output file by running a batch Process following the parameters for SOA architecture; Interrogate Security Master database using the record captured from MQ and verify financial information for the Processing of financial transaction depending on the request received from MQ; Use FTI application to fix and standardize decimalization routines for the Citation system; Streamline the MQ Series design for effective and accurate flow of Processing of records; Define/generate CICS/DB2 programs to automate fund transfer Process for conversion, support IF firm trading, physical clearance, settlement, commission calculations and reconciliation, and ensure that Sharelot is updated from conversion and maintained to effect the correct trailing commission payments and CDSC calculation; Perform CICS background Processing using batch job; Utilize IBM Merva, MVS, COBOL II, CICS, PL/1, PL/SQL, DB2 Ver. 5, DB2 Stored Procedures, SYNCSORT, JCL, VSAM, GDGs, MQ Series, TD Queues, INTERTEST;

- Develop a real-time trade and settlement date position database (GCDB) to interface Online Trades Processing (OLTP) system and securities settlement systems to show up to the minute collateral availability; Utilize DB2, Triggers and JAVA (front-end) application; Supervise and manage day-to-day activities/workload of two consultants; Provide program specifications to these consultant and direct to the company's protocols; Design and implement data models to determine and classify parent/child relationship; Create and implement indexes for each table defined in the data model; Provide database management, converting the old VSAM and QSAM access method into DB2 to maximize the use of all collaterals in the firm, reduce fails and find additional sources of raising cash; Manage and enhance cross reference databases for mutual products with pricing and other FC's commission rates;

- Generate viewing capabilities to Treasury, Asset and Liability Management (ALM), Risk Management and Global REPO Operations; Utilize Security Master database to populate GCDB tables by capturing related data and maintain the newly defined tables to be in-sync with Security Master; Link to FTI application for calculation/determination of T+1 settlements from open date; Using FTI application, create programs to consolidate the information and distribute them to internal/external users; Provide documentation and user's references of internal codes and their interpretations in the programs which is part of the system analysis documentation for the group;

- Create MQ Series application to hold different data structures according to its application source and create NEON rules per data conditions inside MQ; Initiate online transaction using trigger levels in MQ to clean up other MQ series which is a perpetual transaction as long as the MQ is open and active in mainframe; Create NEON rules to capture/filter

pertinent data from other platforms to be Processed by a DB2 application; Interface with COGNOS to generate dynamic SQL codes for users to apply for the creation of input data to be fed to DB2 in mainframe; Utilize COBOL II/CICS and CICS/DB2 programs, DB2 Stored Procedures, DB2 Ver. 5, INTERTEST, MVS, FILE-AID, SYNCSORT, HTML, SPUFI, PL/1, PL/SQL, VSAM, TDQs, EDI, MQ Series;

- Enhance and maintain Portability System (Mutual Funds) to enable outside broker/dealers to trade company's asset management (MLAM) mutual funds to outside customers; Work on the branch office security system (BOSS) which facilitates/maintains individual's security access to the company's CICS network at the West Street and Teleport Datacenters; Support the maintenance of Trust Application System written in CICS, COBOL II, VSAM and IDMS; Function trimmings and enhancements of programs; Project was put on-hold (contract not finished) per management decision; Utilize COBOL II/CICS, FILEAID, VSAM, EASYTRIEVE+, SYNCSORT, IDMS, JCLs, PROCs, MS-WORD, MS-VISIO

Held Consulting Positions For Other Companies

THE BANK OF NEW YORK, NYC (Jan-Dec 2001)
JP MORGAN, NYC (Jan 1998-Dec 1999)
LUCENT TECHNOLOGIES, NJ (Jan 1997-Oct 1998 Part Time)
DEUTSCHE BANK N.A., NYC (Dec 1996-Dec 1997)
BANKERS TRUST CO., NJ (Nov 1996)
CHASE GLOBAL FUNDS SERVICES, NYC (Jan 1995-Nov 1996)
SMITH BARNEY, NYC (Dec 1992-Jan 1995)
FAR EAST BANK & TRUST CO., Philippines (Jun 1990-Dec 1992)
ASEC INTERNATIONAL, Philippines (Apr 1986-Jun 1990)

Education • Trainings • Certifications

HP Exstream (v8) Design and Production - The Learning Center, NY, 2014
Certification for SAP R/3 and ABAP/4 - ESOFT, LLC, NY, 1997
Bachelor in Science Major in Computer Science - Polytechnic University, Manila, Philippines, Graduated 1987

REFERENCE

Name	Designation	Email ID	Phone No
Orlando Hernandez	Department Manager	orlando.hernandez@coned.com	800-752-6633

Name	Designation	Email ID	Phone No
Michael	Project Lead (Embedded Systems)	mcarter.tech@gmail.com	(415) 352-0198

4.5 Resume 5

Name - Sai Prathyusha D

Professional Summary

- Over 14 years of professional experience in various capacities as Lead Mainframe Developer/Technical lead, and Project lead, having primary focus on application development, maintenance, and support projects in IBM mainframe environment. And exposure to complete Software Development Life Cycle (SDLC) based on a Waterfall, Agile/Scrum Software development methodologies.
- 9+ years of experience as Mainframe Technical lead and Project leader in managing teams in varying in strength from 6 to 16 members.
- Worked as Mainframe Technical Lead, owns of complex modules, resolved ambiguity issues faced by team and participated in all phases of application life cycle (Construction, Design, Testing and Implementation) as well as maintaining applications.
- Experience in management activities like resource allocation, scope management, billing status reports, Project status report (PSR) , Weekly status report (WSR), Utilization report, Team briefing, Performance review of the team and progress analysis.
- Experience in production support and testing support.
- Extremely competent in all phases of applications systems requirement gathering, analysis, design, and programming with specific IBM mainframe application development skills.
- Competent in all phases of applications systems requirement gatherings, analysis, design, and programming with specific Software AG application development skills.
- Lead various mission critical projects like
  a. ICD-9 to ICD-10 conversion,
  b. IDMS to DB2 migration,
  c. Automaton of industry formats like CMS 837 reports for major US Healthcare Payer, with high quality and customer satisfaction.
  d. Intake/migration of major accounts in WGS for a major healthcare payer.
  e. Develop a new backend application for reinstatement of healthcare contracts.
- Coding of new programs and changes to the existing programs.
- Creation of Unit Test Plans, and execution of Unit Test cases.
- Assists business partners with User Acceptance Testing.
- Experience with File Manager or other file viewing software.
- Experience with Syncsort or other sort/merge/copy utility.
- Experience of mainframe facilities TSO, ISPF, NDM.
- Ability to resolve technical issues through debugging, analysis, and investigation.
- Specialization in developing batch/online modules using mainframe skills.
- Extremely competent in IBM mainframe application development skills in COBOL, EASYTRIEVE, CICS, VSAM, DB2, IDMS, IMS DB, IMS/TM, IMS DC, CICS, JCL, VSAM, ADS/O and CHANGEMAN.

- Worked on mainframe tools like SQL, FILE-AID, FILE MANAGER, ABEND-AID, ISPF, PANVALET, ENDEVOR, SPUFI, PLATINUM, CA-7, Control M, DMLO, OLQ, IDDM, ADSALIVE, SYNCSORT, SDF II, Ideal, Datacom, Cool Gen, Teradata etc.

- Competent in Software AG application development skills like Software AG Natural and ADABAS; interest to learn new technologies.
- Working knowledge of PC applications such as Microsoft Office
- Excellent communication, team building, Strong analytical, problem solving, multitasking and strategic planning skills and Interpersonal skills with team and customer.
- Ability and willingness to work under pressure, on multiple concurrent tasks, and to deliver to agreed deadlines.
- Always willing take new challenges/Risks/ambiguity issues/Complex problems.
- Very good exposure to all Quality procedures complying with ISO 9002 standards and CMM – Level 5

Technical Skills

Operating System	MVS, DOS, Windows95, 2000/NT, UNIX
Hardware Platforms	IBM OS/390
Programming Languages	COBOL, Software AG Natural, JCL, PL/1, Easytrieve, REXX
OLTP	CICS, IMS DC
Database	DB2, VSAM, ADABAS, SQL Server,IDMS, VSAM, IMS DB, IMS/TM, Oracle 10g/9i/8i, MS Access
Tool	Endevor, Changeman, Panvalet, File Aid, SAR, QMF, SPUFI, TSO, ISPF, Smarttest, Xpeditor, Intertest, IBM Debugger, SYNCSORT, SAS, NDM, MQ Series.
Web technologies	HTML, WEB methods, EntireX
Microsoft Office	MS Access, MS Work, MS Excel, MS Project, MS Visio
Schedular	CA7, Control M

Professional Expertise

Client: Anthem, Atlanta   **Sep 2019 – Present**
Role: Lead Mainframe Application Developer/Technical Lead

Inquiry Tracking is an independent system that handles inquiries, disputes, grievances and appeals from providers and subscribers belonging to all the blue states and process them. Keep track of all inquiries and generate required mails to providers and subscribers about the contract status and other important details. Developed a new application in 2024 to reinstate subscriber's medical policy within 30 days of the policy cancellation/expiry. This application is associated with other front-end applications like PEGA and .net using RPCs.

Responsibilities:
- Accountable for impact analysis, design, coding, testing, documentation and debugging of application to fulfil the requirements.
- Managed team in resolving ambiguity issues in application life cycle and maintaining applications.
- Extensively worked on complex modules, team briefing, generating status reports and performance review of the team.

- Experience in both Agile and Waterfall methodologies.
- Developed Specific Functional Design (SFD)
- Developed Technical Specification design (TSD) Documents working closely with BA and Business representatives.
- Involved in preparing Unit Test Plans (UTC) and Unit Test Results (UTR).
- Integrated Teradata with mainframe environments for large-scale data extraction and reporting projects.
- Provide support for enhancing and maintaining existing application.
- Assists business partners with User Acceptance Testing (UAT).
- Collaborated with data warehousing teams to align Teradata datasets with business reporting requirements.
- Enhancing and testing COBOL, CICS programs and JCL codes as per the requests of business needs.
- Involved in developing Jobs as per the TSD.
- Performed performance tuning on Teradata queries to reduce processing times on batch jobs.
- Extensively involved in analysis, Design, Develop & test activities in COBOL and CICS modules.
- Lead Lights on team which is responsible for production support and defect tickets.
- Developed Web Service programs with COBOL and file interfaces using Web Methods.
- Developed process to transfer the VSAM files to BI data warehouse, so the data gets loaded in other open system databases.
- File Aid for IMS is extensively used for viewing the data and setting up the test data in IMS database.
- Varies DL/I call with DL/I function codes, Qualified and Unqualified SSA's, Command codes are extensively used in sequential and random accesses of IMS data for reading and inserting the data in IMS database.
- Performing IMS DBDGEN, PSBGEN and ACBGEN as per application requests.
- Performing IMS DB2 Database object changes in multiple data sharing environments.
- Ecexuted IMD and DB2 data refresh activities in TEST regions.
- Setup/executed and monitored IMS/DB2 utilities such as REORG, IC, RUSTATS, LOAD/UNLOAD etc.
- Created, modified and maintained IMS database descriptions.
- Monitored and maintained IMS database performance.
- Weekend support involving maintenance/refresh of IMS databases.
- Downloading FTP files from server to Mainframe.
- Using File manager to verify and create test data.
- Experience with File Manager or other file viewing software
- Debugging and diagnostic skills in batch processing.
- Working directly with client and other teams to meet the SLA's.
- Documenting and coordinating project activities for internal knowledge base.
- Actively participated in Code move to production.
- Working on ad-hoc requests.

Environment: COBOL, CICS, DB2, VSAM, JCL, REXX, Endevor, IMS DB, IMS/TMB,   file Manager, SPUFI, VSAM, Teradata, Syncsort, TSO, ISPF, Control M, MS Office.

Break for Maternity and childcare reasons   **July 2016 – August 2019**

Client: Humana, Louisville, KY   **April 2014 – June 2016**
Role: Mainframe Lead

Humana is one of the USA's largest health insurers. Humana provides Medicare advantage health plans and prescription drug coverage to more than 4.5 million members in 50 states. Humana offers a range of products and services in addition to group health insurance. Additionally, Humana offers health plans and some specialty products to commercial employers and individuals.

Medicare Advantage plans are sometimes referred to as Medicare Part C. They are Medicare-approved private health insurance plans for individuals enrolled in Original Medicare, Part A and Part B. When you join a Medicare Advantage plan, you are still in the Medicare program and must continue paying your Part B premium.

Medicare Part C including hospital stays, skilled nursing, home health care, associate services, doctor visits, inpatient care in hospitals, outpatient care, screening, and lab tests.

Responsibilities:

- Involved in preparing the technical design documents and carrying out walkthrough meeting with the IT & Business managers.
- Modified and tested COBOL and CICS programs and JCL codes per the requests of business departments.
- Analyze, Design, Develop & test activities in COBOL, CICS & DB2.
- Using File Aid to verify the record layouts and data population in the files and done data validation and data modification using File Aid options.
- Preparation of Unit Test Plans and Unit Test Results. Involved in the Unit testing and System Integration testing.
- Prepared Daily, weekly, and monthly job flows using MS Visio
- JCL job creation and maintenance. Working directly with client and other teams to meet the SLA's.
- Documenting and coordinating project activities for internal knowledge base. Estimating the workload.
- Involved in resource planning. Scheduling of Jobs via CA-7 scheduler / Abend resolution and JCL coding. Developed message flow interfaces using MQ Series. Provided operational assistance for MQ Series systems.
- Production Batch Scheduling and Server Based Application Scheduling. Taking care of second line Production support. Problem Diagnosis and working with other engineering groups.
- Worked on production support and on call activities.
- Data Base backup and recovery in case of any issues. Coordinate ad-hoc mailings. Testing, Validation, and Implementation of New Functionality for Infrastructure Software Releases.
- Create JCL 'PROCs' (cataloged procedures). Create Documentation and run instructions. Gathering Signoffs from Business. Use SQL (complex queries) to query the database.
- Designed, created, implemented, and tested dataflows, workflows, and scripts.

- Developed ETL programs using Informatica to implement the business requirements.
- Created new mapping designs using various tools in Informatica Designer like Source Analyzer, Warehouse Designer, Mapplet Designer and Mapping Designer.
- Performed data manipulations using various Informatica Transformations like Filter, Expression, Lookup (Connected and Un-Connected), Aggregate, Update Strategy, Normalizer, Joiner, Router, Sorter and Union.

Environment: MVS, COBOL, DB2, IDMS, CICS, VSAM, JCL, Panvalet, File Aid, Expeditor, CA-7, MS Visio

Client: Group Health Cooperativre, Seattle.   **March 2013 – March 2014**
Role: Senior Project Lead

Group Health Cooperative, now acquired by Kaiser Permanente, was a member-governed, nonprofit health care system that coordinated care and coverage.

The two important processes in GHC are membership and claims. The Membership process deals with updating the member information, member – provider relationship/validation, calculation of capitation and reporting while claims process handles claim expensing, disposition, manual adjustments, creation of EOBs and EORs and reporting. Apart from this, claims are created and sent as CMS 835 and 837 to major healthcare payer.

Responsibilities:

- Participating in complete software development life cycle (SDLC) - Requirements gathering, Impact Analysis and design, Understating document, Development and Unit testing, production support, monthly and weekly support/on call.
- Coding as per the business requirements. Preparation of Unit Test Plans and Unit Test Results.
- Teamwork & Co-ordination. Creating Functional Specifications, Technical Specifications and Test strategies.
- Involving in the Unit testing and System Integration Testing as Lead.
- Involving in developing the batch programs and online programs & maps for the new requirements using COBOL & CICS respectively. Test and Review of work done by peers before delivering to client.
- Involved in resource and work allocation. Involved in estimations. Used File-Aid utility to verify the record layouts and data population in the files and done data validation and data modification using File-Aid options.
- Preparing test data for Unit Testing, developed test plan, test procedure and online documentation to cover the functionality, features, and reliability. Participating in the strategy meetings for design and development of the system.

Environment: MVS, COBOL, PL/1, DB2, VSAM, JCL, CICS, Changeman, File Aid, CA-7, Inter test, NDM, SAS

Client: Humana, Louisville, KY   **Nov 2009 – Feb 2013**
Role: Developer

HUMANA is one of the biggest Healthcare Payers in the USA. METAVANCE is the application which is owned by HP. The main motive of the MTV Claims team is to involve in the various phases of Claim adjudication processes like receiving the claims from eHUB through MQ series and "LOAD process" to load the claims in METAVANCE and pre-edits and pre-adjudication process against Metavance. The outcome of the process is to generate the EOBs & EORs.

Responsibilities:

- Participating in complete software development life cycle (SDLC) - Requirements gathering, Impact Analysis and design, Development, System and User Acceptance Testing of PR (Problem request)/ FR (Functional request) and understating document.
- Coding. Preparation of Unit Test Plans and Results. Defects analysis & resolutions. BHAG testing. Teamwork & Co-ordination. Involving in Business Analysis and Systems Planning.
- Creating Functional Specifications, Technical Specifications and Test strategies. Involving in the Unit testing and Integration Testing as Lead. Involving in developing the batch programs and online programs & maps for the new requirements using COBOL & CICS respectively.
- Test and Review of work done by peers before delivering to client. Extensively used SPUFI to validate queries for better results before implementing. Used File-Aid utility to verify the record layouts and data population in the files and done data validation and data modification using File-Aid options.
- Preparing test data for Unit Testing, developed test plan, test procedure and online documentation to cover the functionality, features, and reliability.
- As senior in the team conducting knowledge sharing sessions and taken care so that all the team members will have good knowledge to work with the system.
- Participating in the strategy meetings for design and development of the system.

Environment: COBOL, PL/1, DB2, VSAM, JCL, CICS, CA-7, Changeman, File Aid, VMB Debugger, Visio

Education, Certification & Trainings:

- **Bachelor of Technology** from Jawaharlal Nehru Technological University.
- COBOL II & JCL Fundamentals.
- HIPAA Compliance Guide
- HIPAA Compliance Program
- HIPAA Overview

Onsite
- Worked as an onsite co-coordinator / technical lead for for competitive teams at client location for major healthcare payers like Humana, Group Health Co-operative, Anthem.

Professional Reference

Name	Designation	Email ID	Phone No
Jessica Nguyen	Senior Systems Engineer	jnguyen.dev@gmail.com	(213) 535-2145

Name	Designation	Email ID	Phone No
Dan Lomier	Delivery Manager, UST/ Anthem	Dan.Lomier@ust.com	949-309-1772

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Name: Shabeen Anandkumar

E-Mail: anandhkumarshabeen@gmail.com; shabeenjobs@gmail.com
● **Mobile +1 213-298-1230**

Professional Summary

- Having 12+ years of experience working as Mainframe Developer which involves in Analysis, Design, Development and Testing.
- Domain knowledge on **Financial, Banking, Health Care**, **Telecommunication and Utility.**
- Good understanding in Software Development Life Cycle **(SDLC)** and Software testing fundamentals **(STLC).**
- Worked extensively on **COBOL, JCL, VSAM, DB2, CICS, IMS DB, FILE-AID etc.**
- Experience in Xpeditor, File Aid, File Manager, Endeavor, SPUFI, QTP, Quality Center
- Good Knowledge working in conversion projects-conversion of IDMS to Db2.
- Good experience working on **DB2,** writing and executing complex **SQL queries**.
- Extensively involved in writing Test Cases and project related documentation.
- Ability to study new technologies & concepts rapidly & execute them.
- Excellent **grasping skills that allow quick & thorough learning.**
- Effective leadership skills with good written, verbal communication & presentation skills. Self-motivated with result-oriented approach.

Skills Summary

Mainframe Technologies: COBOL, Cobol85, COBOL400, JCL, VSAM, DB2, CICS, Easytrieve, Smarttest, Intertest
Data Bases   : IMS - DB, DB2, Oracle
Languages   : C,C++, Java, Tableau,R,
Defect Tracking Tools   : Mercury Quality Centre ALM, Test Central, Jira
Mobile Devices OS   : Windows phone 10.0, Android(JellyBean,Kitkat)
Testing Tools   : QTP, Selenium, Device Anywhere(Mobile)
Microsoft Office   : MS Excel, Access, Word**.**

Education

Bachelor of Engineering in Electronics and Communication (B.E)
Tami lNadu College of Engineering (TCE), INDIA

Masters in Data Analytics (M.S)
Alliant International University, USA

Professional Experience:

Client: HCSC Inc. Chicago, IL   **Jan 2024 to till date**
Project: BlueCap Application (BC)
Role: Mainframe Developer
HCSC (Health Care Service Corporation) is a large, customer-owned health insurance company operating in Illinois, Montana, New Mexico, Oklahoma, and Texas. They offer a range of health and life insurance products and services to over 23 million members nationwide. HCSC's mission is to empower whole person health, drive innovations that improve health and reduce costs, and deliver positive change in their communities.

- Analysis and Understanding the requirements and functional specifications.
- Created detailed Design document for the batch programs
- Preparation of TS (Technical Specifications) based on the existing functionality and requirements.
- Created detailed technical design specification for enhancing the batch programs.
- Development of the new batch programs using COBOL, DB2, SQL, JCL, VSAM and CICS.
- Used File-Aid, SPUFI for SQL Queries in DB2 database.
- Participated in daily and weekly meetings to discuss the various development levels of the project.
- Involved in creating and validating the all kinds of input files like Datalake, TIL files.

Environment: COBOL, JCL, VSAM, DB2, TSO, ISPF, Smartest, Intertest, File-Aid, Spufi, Jira, Agile methodology.

Client: Safelite Group Inc, Columbus,Ohio   **Jan 2024 to Nov 2024**
Project: Back-office Vertex Project(BO)
Role: Senior Mainframe Developer

Safelite Group, Inc. is an American provider of automotive glass repair and replacement services, wholesale automotive glass sales, along with insurance claims management, based in Columbus, Ohio.Safelite operates in all 50 states. The company is composed of three major business operations: Safelite AutoGlass, an automotive glass repair and replacement services provider.Service AutoGlass, a wholesale automotive glass, installation tools, and materials provider.Safelite Solutions, an insurance claims management services provider.

- Involved in Analyzing the requirement for different types of work orders like Cash, Insurance, Third Party Referrals and doing enhancements and coding.
- Involved in creating, coding and testing invoices for various kinds of work orders for Cash, Insurance, Commercial and validating them.
- Used DFSORT to handle large data files, performing high-speed sorting, merging, and filtering to meet various business requirements.
- Leveraged CA Telon to quickly design and generate COBOL and CICS applications, reducing development time and ensuring code consistency across projects.

- Set up and managed GDG files to handle versioning of data, enabling efficient access to historical datasets and streamlining backup processes.
- Provided production support and troubleshooting for COBOL 85 applications, reducing downtime and improving system availability by identifying and resolving defects quickly.
- Developed custom Easytrieve programs to generate complex reports, transforming raw data into meaningful insights for business analysis.
- Created and managed VSAM datasets, including KSDS, ESDS, and RRDS, ensuring efficient data storage and retrieval for various applications.
- Involved in running the SYSFLOW/QAFLOW and fixing them for any kind of defects.
- Involved in validation of VAPS,NAGS,Third Recal,TAX in the System.
- Leveraged Easytrieve for efficient data extraction, summarization, and formatting, streamlining data processing tasks for end-users and improving data visibility.
- Involved in creating and validating the CREDIT MEMO/ REBILL (CMRB)
- Involved in validating the tax issued for different types of work orders
- Involved in coding and testing different scenarios which involves in repair and replacement of windshield,Door glass,Back glass,Sunroof,Mirrors,Slider,Adas Recalibration etc.

Environment: IBM Mainframe:TSO/ISPF,COBOL, JCL, DB2,VSAM, DB2, File-Aid,Spufi,Jira, Agile methodology

Client: SOCAL GAS, California   **July 2022 to Dec 2023**
Project: On Bill Repayment (OBR)
Role: Mainframe Developer/Cobol Developer

On Bill Repayment (OBR) allows customers to make Loan or Lease payments on their utility bill. Investor Owned Utilities (IOU's) will collect and remit the customer payments to the Master Servicer (MS) of the California Hub of Energy Efficiency Financing (CHEEF) and the lender or financial institution is responsible for the underwriting process. There payment mechanism works with conventional loans and leases, credit enhanced loans and service agreements. The goal behind OBR is to enable more customers to qualify for energy efficiency financing program.

- Analysis and Understanding the Requirements and Functional specifications.
- Conduct reviews the business document with a team of business end users, application developers and technical analysts.
- Analyzing the requirement and involved in coding and creating **Test cases** and **Test data** and executing them.
- Developed and maintained Telon-based interfaces to connect legacy mainframe applications with modernized systems and third-party applications.
- Implemented robust error handling and performance optimization in JCL scripts, ensuring minimal job failures and optimizing resource usage in batch jobs.
- Involved in coding the functionalities of different types of **Residential and Non-Residential** customers.
- Identified and resolved bottlenecks in JCL, Easytrieve, and DFSORT jobs, improving system performance and reducing processing time.
- Involved in creation of Bill image for all types of customers and verifying them.

- Involved in creating Sequential files such as **Opening File, Confirmation File, Loan Billing File, Past Due Disconnect File and Remittance File.**
- Involved in creating and testing the **Pecking Order, Overdue Notices and Late Payment Notices**.
- Involved in testing the **Collections functionalities** which includes creation of **Over Due notices, Voluntary Termination, Loan Reversal** and application of Deposit.
- Involved in creating and testing various kinds of reports like **Daily Delinquent Report, Payment Reconciliation Report, OBR Charge Removal Report, Bill Payment History Report, Remittance Report** etc.
- Involved in the complete functionalities for the various types of loans right from **Enrollment** to **Remittance** of payment.
- Conducted routine maintenance and troubleshooting on VSAM and GDG datasets, ensuring data integrity and minimizing disruptions to batch processing.
- Involved in analyzing the actual and expected result.

Environment: COBOL, JCL, VSAM, DB2, File Aid, TSO/ISPF,SPUFI

Client: Illinois Department of Human Services, Springfield, IL   Oct 2019-June 2022
Project: ARS(Accounts Receivable Systems)
Role: COBOL Developer

Provided comprehensive technical support, for over 2-1/2 years, to the Illinois Department of Human Services, while utilizing COBOL, MVS JCL, VSAM, DB2 and Telon programming, for both Online and Batch applications for modernization of the Accounts Receivable System (ARS), ensuring that the Treasury Offset Program (TOP) administration and the maintenance of debts and collection efforts were compliant with the Federal Supplemental Nutrition Assistance Program (SNAP) requirements.

- Utilized solid analytical and problem-solving skills, with the ability to manage multiple tasks, as needed, to accommodate the stakeholders.
- Analyzed, designed, coded, tested, and supported systems using the TELON Computer-Aided Software Engineering tool.
- Integrated COBOL 400 applications with RPG programs to enhance functionality and streamline business operations, ensuring seamless data transfer between different programming environments.
- Integrated RPG with COBOL applications, ensuring smooth data flow and interoperability between RPG and COBOL modules in complex batch and online processing systems.
- Utilized debugging tools Debug, BTS, and File Manager to troubleshoot online and batch processing defects.
- Collaborated with business analysts and other team members to identify the processes and systems improvements needed to provide timely, high quality, and cost-effective application programs to the customers.

Environment: COBOL, JCL, VSAM, DB2, File Aid, RPG, TSO/ISPF, SPUFI, IMS DB.

Client: VISA Inc, Denver,CO   July 2015 to May 2017
Project: VISA-DPS PREPAID
Role: Mainframe Developer

Description:
VISA DPS Prepaid is a prepaid cards management application that offers prepaid card services for around 72 banks in US and CANADA. The product offering consists of Gifts, Payroll, Commercial Reloadable, Travel, Teen and General purpose reloadable prepaid cards.DPS prepaid platform helps issuers to manage their prepaid card portfolio. Services offered by DPS prepaid platform include creating and issuing cards, managing prepaid cards and their accounts, on demand and offline reports.

- Analyzing and doing feasibility studies of requirements received from customer.
- Estimating efforts and schedule for completion of enhancement and development projects.
- Preparing Technical Design Document that can be used for the construction phase of projects.
- Carrying out coding in **COBOL, JCL, VSAM and DB2.**
- Involved in testing various types of cards like Gift card, Travel money, Payroll, Teen card, Commercial Reloadable cards.
- Involved working on enhanced activities on **PAS, PAT and PED** system of the client.
- Responsible for defect management includes, **defect logging**, defect tracking & defect closure.
- Performed Regression testing to verify the existing functionality of the application.
- Involved in creation of different kinds of Reports like **CVF(Card Vendor File),Paper Statements,CardHolder List,Fraud Report,Card Activation List,Load Activity Report,Fees Waiver,Close Account with Balances** etc.
- Test was performed for clients including **PNC bank, National wide bank and Bank of America.**

Environment: COBOL, JCL, VSAM, DB2, CICS, TSO, ISPF, JAVA

Client: Wellpoint Inc Atlanta,GA   **May 2013 to Aug 2014**
Project: Wellpoint-ITS
Role: Mainframe Developer

Description:

Wellpoint is a U.S. based health insurance company and the largest member of the Blue Cross and Blue Shield Association.Inter-Plan Teleprocessing Services (ITS) is the product used to facilitate the movement of out-of-area claims data between Plans. To put in simple terms, a Blue Cross/Blue Shield member (Referred to as Blue Plan Member) should be able to avail services from any Blue Plan provider within WellPoint or outside WellPoint. He would continue to receive provider/member discounts as per his contract with the Home Plan. ITS provides a common platform for all BCBSA plans to communicate with each other and assist in applying pricing and benefits in a fair and consistent manner.

Responsibilities:

- Analysis and Understanding the requirements and functional specifications.
- Created detailed Design document for the online and batch programs
- Preparation of TS (Technical Specifications) based on the existing functionality and requirements.
- Created detailed technical design specification for enhancing the batch programs.
- Development of the new batch programs using COBOL, DB2, SQL, JCL, VSAM and CICS.
- Used File-Aid, SPUFI for SQL Queries in DB2 database.
- Participated in daily and weekly meetings to discuss the various development levels of the project.

Environment: COBOL, JCL, VSAM, DB2, CICS, IMS DB/DC, TSO, ISPF, SMARTTEST

Client: Lands End, New York   **Dec 2012 to Apr 2013**
Project: Style Number Expansion
Role: Mainframe Developer

Lands' End is a leading direct merchant of traditionally styled, casual clothing for men, women and children, as well as soft luggage and products for the home. They offer products through their catalogs, on the Internet and in their Inlet stores. Lands' End also operates around twenty retail stores. Their goal is to please their customers with the highest levels of quality and service in the industry. Style number is a variable used to denote the style of a particular garment for that year. Currently the Style Number is defined, in various business systems, as 5 digits. Based on past Style Number usage , we will run out of Style Numbers from June 2017.To ensure that Land's End can handle any significant changes in future business direction, it has been decided to expand Style Number fields.

Responsibilities:

- Analysis and Understanding the requirements and functional specifications.
- Created detailed Design document for batch programs
- Development of programs using **COBOL, JCL, VSAM, DB2.**
- Created test cases for various scenarios based on the functional requirements.
- Involved in **writing SQL queries in DB2.**
- Carried out all activities of SDLC like coding, testing and post deployment support as and when required.
- Preparation and review of High level and low-level design documents
- Review of code for maintaining proper logic /quality standard
- Unit Testing and Test plan preparation to meet proper functionality
- SIT and UAT support
- Implementation of change request
- Conducting Defect Prevention meetings
- Perform reviews on the deliverables and log any issues and track till it is closed.
- Used **File-Aid, SPUFI for SQL Queries** in DB2 database

- Participated in daily and weekly meetings to discuss the various development levels of the project.

Environment: COBOL, JCL, VSAM, DB2, TSO, ISPF, File aid, SPUFI, JAVA

Professional Reference:

Name	Designation	Email ID	Phone No
Kelleigh	Manager	kelleigh.smith@gmail.com	+1 2175582187

Name	Designation	Email ID	Phone No
David Reynolds	Technical Manager	dreynolds.eng@yahoo.com	(312) 289 -1173

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Name - Zurab Kanovich
E-Mail: zkanovich@gmail.com • Mobile 718-344-5572

Profile

- Senior IT professional with hands-on experience in all phases of Application Maintenance, Production Support, and the Software Development Life Cycle.
- Extensive knowledge in requirements gathering, analysis, design, development, implementation, testing, integration, documentation, and maintenance of applications.
- Served as a team leader or technical lead on most projects.
- Ability to multi-task and work across applications covering development and production support projects.
- Diverse technology background with the ability to quickly acquire new technical skills and business knowledge.

Software - OS/MVS, z/OS, TSO, ISPF/PDF, OS/JCL, VSAM, IBM Utilities, IDCAMS, QMF, SPUFI, INTERTEST, XPEDITER, MS-DOS, MQ, IBM ADDI

Languages - PL/1, COBOL, CICS, DB2/SQL, JAVA

ExperiencE

IBM / Ginnie Mae, Brooklyn, NY   **09/2023 – 10/2024**
Applications Analyst – Mainframe Modernization

Analyzed Ginnie Mae Mainframe processes as a part of the IBM Mainframe Modernization team in order to assist with their remaining migration decisions. Created various statistical and assessment reports on modules written on COBOL, ASSEMBLER, DB2, JCL, CICS, and RPG by using the IBM analysis tool (ADDI). All collected information will help in providing a road map for Ginnie Mae to modernize the Mainframe application.

IBM at National Grid, Brooklyn, NY   **05/2017 – 07/2023**
Applications Developer

Responsible for application design, development, testing and production support for National Grid's Customer Related Information System ("CRIS"). Performed detailed analyses of business processes and successfully implemented solutions in the company's Enterprise Architecture. A primary technical go-to person for the billing system as well as an expert in CRIS processes including Transportation, Ledger Entry, and Payments. Successfully managed project teams consistently delivering highest quality results and meeting deadlines. Demonstrated the ability to understand client's needs, proactively identify creative solutions and accurately assess scope of required resources (z/OS, PL/1, COBOL, CICS, DB2, VSAM).

Key Projects:

- **UWP CRIS Project:**

Designed, coded, and implemented CRIS to ODS (Operation Data Store) data synchronization processes for web enabled accounts by using CRIS KED XML and MQ processes for the UWP (Universal Web Portal), a new front-end application. Design involved the introduction of new CRIS (OOPS) classes and related methods, the creation of new and replacement of old CRIS batch and online processes. Coordinated work with MuleSoft and .Net development teams. Project moved into production with high levels of client satisfaction.

- **Low-Income Project (NY):**

As one of the Technical Leads, designed, coded, and implemented a new structure for the calculation and presentation of low-income discount bills. Developed the logic for rate changes at enrollment and unenrollment time, to and from the low-income program. Created new and modified existing CRIS online conversations to support the requirements for this project. Developed the ability to transfer low-income customer information from one account to another, while keeping low-income customers' information in case the account became final.

IDC Technologies at PSEGLI, Long Island, NY   **05/2016 – 04/2017**

Consultant - Applications Developer
- **Customer Billing Enhancements – Paperless:**

Led a small team tasked with the design, development, and implementation of new paperless billing features for PSEGLI – a regional electric utility company. Designed processes allowing an exchange of customer information between PSEGLI's EBO (EBO - ENHANCED BILLING OPTION) system and the new vendor – KUBRA. KUBRA allows PSEGLI to send customers paperless bill images, provided by the EBO system, via email and presents them with new features such as online payments (z/OS, COBOL, CICS, JCL, DB2).

IBM at National Grid, Brooklyn, NY   **08/2011 – 04/2016**
Applications Developer

Key Projects:
- **Customer Choice ESCO Gas Management:**
  Led a team of software engineers implementing new requirements to provide customer related information from CRIS to the Gas Management system (service provider for Marketers). Analyzed business requirements and optimal way of modifying the existing CRIS processes. Coded processes for calculating billing, credit and collection fees and implemented solutions for transmitting marketer payment data through the Electronic Data Interchange ("EDI").

- **NH Divestiture:**

Played one of the key roles in the New Hampshire Divestiture project. Executed processes to successfully separate and transition NH Gas Accounts out of National Grid and into Liberty Utilities systems.

Education

American Training Center   Rego Park, NY
- Certificate of completion - course in Advanced Java Programming

Georgian Technical University   Republic of Georgia- 2011
- B. S. in Computer Science

Professional Reference:

Name	Designation	Email ID	Phone No
Scott Sherwood	IBM Relation(Reporting Manager OR Colleague) - Manager	srsherwoodct@gmail.com	1 (860) 491-5413

4.8 Resume 8

Name - Anitha Vasanth
E-Mail: anitha.vasanth@yahoo.com • Mobile 7373951357

Profile

Accomplished Senior Mainframe Developer with over 10 years of experience in system design, programming, and optimization of large-scale mainframe applications. Expert in COBOL, CICS, JCL, ASSEMBLER, DB2, and system integration, with a strong problem solving ability and focus on business continuity, security, and legacy system modernization. Looking to bring deep technical knowledge and leadership skills to a forward-thinking organization aiming to optimize the Mainframe infrastructure.

Proficient in tools like REST Assured API, POSTMAN, Microservices, Unix/Linux, Mainframes including JCL,COBOL, PL1, CICS, NATURAL, ASSEMBLER, Rexx and CLIST, Shell Scripting, API, Cypress, Kafka, Java, DevOps Azure with a proven track record of enhancing system performance and stakeholder satisfaction through innovative development strategies.

Experience

Blue Cross Blue Shield, Little Rock, Arkansas   07/2022 – April 2025
Senior Mainframe Lead Developer

- Worked on Coverage Validation system and the Image Validation system.
- Developed and maintained applications by writing, testing and maintaining TSO, COBOL, PL/1, JCL, CICS, IMS DB, VSAM, ASSEMBLER, AS400 RACF, Postman, Eztrieve, File-Aid, Jenkins, GIT, SQL, Linux, ServiceNow and DB2 based programs for the Medicaid applications.
- Developed and maintained COBOL programs for Medicaid eligibility and claims processing within the IBM mainframe systems.
- Proficent with mainframe tools such as SyncSort, Xpediter, FileAid, ISPW, Endevor, ChangeMan and Abend-Aid.
- Developed batch and online applications, to ensure they run efficiently on the mainframe.
- Integrated mainframe applications with other web or cloud based systems.
- Performed BR analysis, test scenario creation and requirement validation.
- Involved in test plan reviews, testing, results validation, defect analysis and fixes.
- Diagnosed and resolved issues with mainframe applications, including system Abends and performance bottlenecks.
- Written effective error handling routines and implemented monitoring tools.

BMO, Dallas, Texas   09/2018 - 07/2022

Senior Mainframe Developer

- Worked on Agent Management, commissioning , Policy Administration and Payroll systems.
- Involved in analysis, design, development and support and troubleshoot for 6 applications using JCL, CICS, PROCS, VSAM, RACF, REXX, ASSEMBLER, MQ Series, IMS DB/DC, SAS, CLIST and DB2.
- Experienced in Mainframe COBOL programming, specializing in system level coding, troubleshooting and optimizing legacy mainframe applications for enhanced performance and efficiency.
- Managed the upgrade and migration of legacy systems to more modern frameworks ensuring the business continuity and data integrity is not disrupted.
- Created APIs to connect mainframe systems with modern applications, ensuring smooth data exchange across platforms.
- Managed reports and formats using SAS and Easytrieve.
- Created test strategies, plans, designs, handled defects and reported testing.
- Analyzed requirements, risks and estimated test requirements.
- Tested legacy mainframe system developed using Cobol and CICS.

TD Bank, Mount Laurel, NJ   **09/2015 - 08/2018**
Senior Mainframe Analyst

- Worked with the business analysts to gather and document requirements.
- Optimized mainframe applications for better performance and scalability.
- Designed and developed solutions based on business needs and system specifications.
- Developed online screens and business logic using Sapiens RAD tool.
- Created batch jobs and COBOL programs for billing and invoicing and Shell scripting.
- Wrote macros and functions in ASSEMBLER.
- Performed Sapiens DBA activities like table creation, access restriction.
- Conducted mass data loads to Customer Account Management database.

Education

Hindustan College of Engineering
Chennai, India
B.E. in Electronics and Communication Engineering , 2015
Professional Reference:

Name	Designation	Email ID	Phone No
Narasimha Korrapati	Lead Developer	kykorrapati@arkbluecross.com	8326289462

4.9 Resume 9

Name - Muni Srinivasa Rohith Vungarala
E-Mail: rohithvung@gmail.com • Mobile 717-609-3222

Profile

- IBM Mainframe Application developer, with 6 years of hands-on experience in application development. Extensive experience in the IT industry, involving the full project life cycle, and complete Software Development Life Cycle SDLC.
- Extensive Knowledge in requirement gathering, analysis, design, development, implementation, testing, integration deployment, documentation and maintenance of IBM Mainframe applications.
- Excellent hands-on experience with COBOL, JCL, DB2, SQL, VSAM, CICS, FTP.
- Excellent working knowledge of core application design, development, testing and production support. Developed programs that interact with DB2 and IMS DB. Experience developing Web Focus applications, DB2 Stored Procedures, JCL, online CICS tools, and providing 24/7 production supports.
- Ability to multi-task across different applications. Diverse work experience with different functionalities of the application, with Development and 7x24Production Support for tier – 1 system.
- Experience working on the project built using Agile Methodology. Involved in the estimate planning, design discussions and scrum meetings for the project.
- Experience in developing, analyzing, and maintaining applications in mainframe environments. Proficient in SQL and relational database management systems (RDBMS), with hands-on experience in JCL, datasets, and RHEL.
- Adept at troubleshooting, debugging, and optimizing queries to enhance application performance. Strong analytical skills with expertise in system analysis, problem-solving, and collaboration.
- Mainframe testing skills which includes modification of production JCLs for running in the test environment, creation of batch test files, Querying of Db2 tables and IMS DB Database identify records that can satisfy the conditions needed for testing the application using SPUFI and QMF, strong debugging skill for fixing JCL abends, and knowledgeable in execution of Mainframe Jobs using CA-7 Schedule.
- Excellent knowledge of system and integration testing.
- Excellent knowledge of QA process and testing methodology.
- Hands on experience with Z/OS, ISPF, VS COBOL, DB2 11 for Z/OS, IMS DB, JCL, VSAM, SYNCSORT, File Aid, CHANGEMAN, IBM DEBUG TOOL, QMF, IBM Utilities, and CA-7.
- Project delivery across various scales, performance tuning, Tier–1 production support, and trouble shooting.
- Extensive experience working with Banking and Financial applications.
- Perform impact analysis and provide solutions to user's change requests.
- Very good experience in trouble shooting and system performance tuning.
- Update QMS (Quality Management System) documents like Project initiation, Project action plan, Detailed Requirements Specifications, Impact Analysis, File Specifications, System Run Chart (flow chart), Data Base Requirements, Program Specifications, Operation Manual, Program Development, Coding, Unit Test Plan, System Test plan, Inter System Test plan, Implementation plan and Post implementation check.
- I have undergone training in Time Management, Project action Planning, Cross culture, interacting with clients, Assertiveness skills and Effective Team meetings.
- Self-motivated, highly committed to responsibilities and ability to work in a team environment or individually. Ability to perform well within cross-functional teams.

Technical Skills

Primary Skills	COBOL, JCL, DB2, IMS DB, VSAM, DB2, Assembler, REXX, CICS, CA7, SYSVIEW, Change Man, TSO/ISP, IEB* Utilities, SYNCSORT, MQ, IMS DB, FILEMANAGER, IMS DC, IBM DEBUGGER, Fortify, MVS Portal, Service Now, AWS
Databases & SQL	DB2, Oracle, MySQL, SQL Server, RDBMS, DDL, DML, Stored Procedures
Version Control	CHANGEMAN, XPEDITER, ENDEVOR
Documentation	MS Office, MS Excel and MS-Word
Project Management	Agile Methodologies Scrum, JIRA
Operating System	z/OS, Windows 11, Red Hat Enterprise Linux (RHEL)

Professional Experience

Client: Kroger Co, Blue Ash, OH   **Aug 2024 - Present**
Mainframe Application Developer

Roles and Responsibilities:

- Design and Documentation, Requirement Gathering, Coding, Review, Unit and Regression Testing, Acquire Sign-Off and ensure smooth implementation of completed items.
- Assisted onsite and offshore team with technical issues and questions related to their daily tasks
- Performed Design Review, Code Reviews and Unit Test Case reviews for the entire project.
- Analysis and understanding the requirements & functional specifications.
- Creating DB2 stored procedure which deals with DB2 tables and IMS DB.
- Performed debugging and performance tuning of IMS DC applications, using IBM Debug Tool and XPEDITER to resolve transaction processing issues and optimize system response times
- Maintained tactical control of project budgets and timelines to keep teams on task and achieve schedule targets.
- Developed and maintained mainframe batch jobs using JCL and COBOL for banking applications.
- Optimized SQL queries and stored procedures for better performance in DB2.
- Designed and implemented RDBMS solutions for efficient data storage and retrieval.
- Managed datasets and ensured seamless integration of mainframe applications with RHEL environments.
- Conducted root cause analysis and troubleshooting for production issues related to mainframe jobs and SQL scripts.
- Developed shell scripts for automation of data processing tasks in RHEL.
- Collaborated with cross-functional teams to enhance application efficiency and user experience.
- Maintained clear documentation for JCL, SQL scripts, and system process
- Designed DB2 temporary tables and regular tables as per the requirements and system design.
- Creating CICS background transaction.

- Use IBM Debug tool and XPEDITER to identify the issues and resolve them.
- Preparation of TS (Technical Specifications) based on the existing functionality and requirements.
- Created detailed technical design specifications for enhancing the batch programs, care was taken to re-use most of the existing components/modules.
- Involved in preparing test plans for Independent Unit testing and System testing.
- Providing training and transition support to users and business partners on new functionalities and features.

Client: Bny Mellon, Woodland Park,   **Aug 2023 – Jul 2024**
Mainframe Application Developer

Roles and Responsibilities:

- Engaged in the full SDLC, including requirement analysis, design, documentation, coding, code review, system testing, defect tracking, and deployment
- Ensured smooth implementation by acquiring signoffs and aligning deliverables with business and functional requirements
- Have extensive meetings with both the Business and Users teams to gather requirements.
- Development of the new batch, CICS and DB2 Stored procedure programs using COBOL, CICS background transactions, DB2 tables and JCL
- Performed impact analysis and testing on IMS DB records, utilizing SPUFI and QMF to identify and validate test conditions for application functionality
- Redesigned and optimized daily transaction reporting jobs, enhancing system performance and accuracy
- Use XPEDITER to identify the issues in development and UAT region.
- Created detailed technical design specifications for enhancing the batch programs, care was taken to re-use most of the existing components/modules.
- Provided training and documentation for end-users and junior developers
- Designed and implemented IMS DC message queues to facilitate efficient communication between front-end CICS transactions and backend IMS DB systems
- Involved in preparing test plans for Independent Unit testing and System testing.
- Impact analysis for requirement changes, finding affected list of programs and homogeneous implementation.
- Providing transition to Users and Business partners about the new functionalities and features.
- Performed rigorous testing of mainframe applications, ensuring 100% compliance with business requirements

Cognizant technology Solutions, Chennai, India   **Oct 2020 – July 2023**
Banking and Financial Services (BFS)
Mainframe Application Developer

Roles and Responsibilities:

- Led the end-to-end process from gathering business requirements to identifying vulnerabilities, implementing code changes, and testing across versions, ensuring successful production deployment
- Spearheaded Fortify scans to identify and remediate security vulnerabilities, enhancing expertise in secure code analysis and application security

- Impact analysis for requirement changes, finding affected list of programs and homogeneous implementation.
- Conducted in-depth vulnerability assessments and penetration testing, identifying and mitigating over 150 critical security vulnerabilities
- Transferred COBOL codes from IBM Mainframe to a Windows desktop environment using MVS Portal enabling the execution of Fortify scans for improved code security analysis
- Performed code changes as per the business requirements.
- Partnered with over 10 cross-functional teams to design and deploy robust security controls, reducing risks and strengthening overall system security
- Designed and executed SQL scripts for migrating legacy data from VSAM to DB2.
- Improved RDBMS performance by implementing indexing and query optimization strategies.
- Converted mainframe batch processing scripts to be compatible with RHEL systems.
- Utilized JCL for scheduling and running batch processes.
- Conducted performance tuning on SQL queries to reduce processing time by 30%.
- Documented migration processes and trained team members on best practices.
- Trained and mentored a team of 7 on vulnerability management best practices, enhancing team capabilities and ensuring adherence to security protocols
- Developed and supported mainframe-based inventory management applications.
- Wrote SQL scripts to generate reports and retrieve inventory data from DB2.
- Designed database schemas and ensured data integrity across multiple platforms.
- Managed production support activities, including job failures, debugging, and performance tuning.
- Automated system logs and alerts using shell scripting on RHEL.
- Conducted system analysis to identify inefficiencies and recommend improvements.
- Designed and implemented REXX scripts to automate complex mainframe workflows, increasing job processing and system maintenance efficiency by 20%
- Followed the similar process multiple times in various Mainframe regions namely South, North, Prop and Omaha.
- Developed and deployed a proprietary Data Migration Tool using COBOL and VSAM, adopted by the banks, reducing potential data breaches by 50% and safeguarding sensitive customer data
- Drove security incident response initiatives, reducing incident resolution time by 30% through issue identification and remediation
- Involved in preparing test plans for Independent Unit testing and Regression testing.

NCR Corporation India Pvt. Ltd, Hyderabad, India   June 2019 - Sep 2020
Mainframe Application Developer

Roles and Responsibilities:

- Analysis and understanding the requirements & functional specifications.
- Perform an Impact analysis of system to identify code changes.
- Coding Cobol-DB2 modules
- Creating new JCL for batch jobs and scheduling the job using CA-7.
- Created detailed technical design specifications for enhancing the batch programs, care was taken to re-use most of the existing components/modules.
- Involved extensively in Unit testing and User testing.
- Use IBM Debug tool to identify the issues in development and UAT region.
- Preparing XT-52 forms to Info Security Group who is responsible for creating PCT and PPT for CICS transactions

- Used various IBM utilities like DFSORT, IEBGENER, and IDCAMS to write various jobs depending on requirements.
- Developed and optimized IMS DB programs for high-performance transaction processing in mainframe applications, ensuring efficient data retrieval and storage
- Developed and maintained JCL scripts for processing insurance claims in the mainframe environment.
- Designed SQL queries to extract and analyze claims data from DB2.
- Implemented RDBMS enhancements for better data consistency and retrieval efficiency.
- Assisted in the migration of certain processes to a RHEL-based system.
- Collaborated with business analysts to understand requirements and implement necessary changes.
- Monitored, managed, and troubleshot customer issues daily, achieving timely and effective resolutions to ensure optimal system performance and client satisfaction
- Drove security incident response initiatives, reducing incident resolution time by 30% through issue identification and remediation
- Maintenance of JCLs, PROCs, PARMs and Loads for application.
- Live movement of project into production with version control tool Endeavor.
- Providing fixes in case of abends or defects.
- Postproduction warranty support.
- On-call support for the applications at the weekend.
- Closely working with an offshore team.

Education

University at Buffalo
M.S. in Computer and Information Science   August 2023 – December 2024
Anna University
B.E. in Electrical and Electronics Engineering   July 2016 – April 2020

Professional Reference:

Name	Designation	Email ID	Phone No
Haripriya	Team Lead	haripriya.chittoju@bnymellon.com	385-461-5055

5. Designated Contract Manager

Contract Manager	Nasirul Huq
Telephone Number	(571) 209-8645
Fax Number	(703)-232-1469
Email Address	info@accentuatetech.com

6. Exhibit A-Pricing Page

Mainframe Application Programmer Analysts

Location - 5707 MacCorkle Avenue, S.E., Charleston, WV 25304

Item Number	Quantity	Description	Hourly Rate	Annual Total
Year One	20,000 hrs	Application Programmer Analysts Contract Cost for 1 year (8 FTEs × 2,500 hrs)	$85	$1,700,000
Optional Year Two	20,000 hrs	Application Programmer Analysts Contract Cost for 1 year (8 FTEs × 2,500 hrs)	$85	$1,700,000
Optional Year Three	20,000 hrs	Application Programmer Analysts Contract Cost for 1 year (8 FTEs × 2,500 hrs)	$85	$1,700,000
Optional Year Four	20,000 hrs	Application Programmer Analysts Contract Cost for 1 year (8 FTEs × 2,500 hrs)	$85	$1,700,000

Total Cost for All Years: $6,800,000

7. Exceptions/Clarifications

Accentuate Technology Inc. submits this response with no exceptions or material clarifications to the scope, terms, or requirements outlined in the solicitation. We have reviewed the technical, functional, and compliance requirements in detail and confirm our full ability to meet or exceed all stated expectations. Should the State require further discussion or interpretation of any element, Accentuate remains available for immediate clarification and collaboration to ensure alignment.

8. Signed Forms

8.1 General Terms & Conditions

Accentuate Technology Inc. affirms its full understanding and acceptance of all provisions, stipulations, and requirements outlined in the General Terms & Conditions document associated with this solicitation. We acknowledge the importance of these terms in establishing a mutual framework for the successful execution of this contract and confirm that we are prepared to comply with all conditions as written.

As part of our commitment to ensuring a smooth and compliant contracting process, we will duly complete, sign, and submit the required General Terms & Conditions document upon official notification of intent to award, or upon formal request by the State. Accentuate has the appropriate internal review procedures in place, and our authorized representative is fully empowered to execute all binding contractual forms on behalf of the company.

This confirmation reflects our readiness to move forward in good faith and in full alignment with the State's procurement and contractual expectations.

8.2 Acknowledgement of Addendum & completed CFRQ Form

We hereby acknowledge receipt and full understanding of all three amendments issued in connection with this solicitation. Each amendment has been carefully reviewed by our team to ensure full compliance with the revised terms, conditions, and requirements.

In accordance with the instructions provided by the State, we have signed and included all amendment documents as part of our official submission. These executed documents have been incorporated into our response package as required, demonstrating our commitment to adherence and responsiveness to all State directives.

Our team remains fully aligned with the most current solicitation terms, and we appreciate the opportunity to respond under the updated framework.

Proc Folder:	1640548	**Reason for Modification:**
Doc Description:	Mainframe Application Programmer Technical Staffing Services	ADDENDUM NO_1 Vendor Questions & Responses
Proc Type:	Central Master Agreement	

Date Issued	Solicitation Closes	Solicitation No	Version
2025-04-08	2025-05-01 13:30	CRFQ 0802 DMV2500000004	2

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON   WV   25305

US

VENDOR

Vendor Customer Code:

Vendor Name : Accentuate Technology Inc

Address : 1100 N Glebe Rd # 1010,

Street :

City : Arlington

State : Virginia   **Country :   USA**   **Zip :   22201**

Principal Contact : Nasirul Huq

Vendor Contact Phone: 571-209-8645   **Extension:**

FOR INFORMATION CONTACT THE
BUYER John W Estep
304-558-2566
john.w.estep@wv.gov

Vendor Signature X   Accentuate Technology Inc   **FEIN#**   201490976   **DATE** 5 May 2025

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

ADDITIONAL INFORMATION

ADDENDUM NO_1

Addendum No_1 issued to publish and distribute the attached information to the Vendor Community

REQUEST FOR QUOTATION:

The West Virginia Purchasing Division is soliciting bids on behalf of WV Division of Motor Vehicles (DMV) to establish a contract for *technical mainframe application programmer technical staffing services. This will be an Open-End services contract that will provide* the services of Mainframe Application Programmer Analysts. Per the Bid Requirements, Specifications, Terms and Conditions attached to this contract.

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				

Comm Code	Manufacturer	Specification	Model #
81111600			

Extended Description:
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	Tech Questions due by 10:00am	2025-04-17

SOLICITATION NUMBER: CRFQ DMV2500000004
Addendum Number: 1

The purpose of this addendum is to modify the solicitation identified as CRFQ DMV25000000004 ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

[ ] Modify bid opening date and time

[ ] Modify specifications of product or service being sought

[X] Attachment of vendor questions and responses

[ ] Attachment of pre-bid sign-in sheet

[ ] Correction of error

[ ] Other

Additional Documentation:

Vendor Question and Response

Bid Opening remains 05/01/2025 at 1:30pm

Terms and Conditions:
1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.

2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ DMV2500000004

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)

[X] *Addendum No. 1*   [   ] *Addendum No. 6*

[   ] Addendum No. 2   [   ] Addendum No. 7

[   ] Addendum No. 3   [   ] Addendum No. 8

[   ] Addendum No. 4   [   ] Addendum No. 9

[   ] Addendum No. 5   [   ] Addendum No. 10

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

Accentuate Technology Inc
_____
Company

_____
Authorized Signature

5 May 2025
_____
Date

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

Proc Folder:	1640548	Reason for Modification:
Doc Description: Mainframe Application Programmer Technical Staffing Services		ADDENDUM NO_2 To Add Revised Exhibit A Pricing Page
Proc Type: Central Master Agreement		

Date Issued	Solicitation Closes	Solicitation No	Version
2025-04-10	2025-05-01 13:30	CRFQ 0802 DMV2500000004	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 : Accentuate Technology Inc

Address : 1100 N. Glebe Rd Suite 1010 Arlington, VA 22201

Street :

City : Arlington

State : Virginia

Country : USA

Zip : 22201

Principal Contact : Nasirul Huq

Vendor Contact Phone: 571-209-8645

Extension:

FOR INFORMATION CONTACT THE BUYER
John W Estep
304-558-2566
john.w.estep@wv.gov

Vendor Signature X Accentuate Technology Inc

FEIN# 201490976

DATE 5 May 2025

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

ADDITIONAL INFORMATION

ADDENDUM NO_2

Addendum No_2 issued to publish and distribute the attached information to the Vendor Community

REQUEST FOR QUOTATION:

The West Virginia Purchasing Division is soliciting bids on behalf of WV Division of Motor Vehicles (DMV) to establish a contract for *technical mainframe application programmer technical staffing services. This will be an Open-End services contract that will provide* the services of Mainframe Application Programmer Analysts. Per the Bid Requirements, Specifications, Terms and Conditions attached to this contract.

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

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

Comm Code	Manufacturer	Specification	Model #
81111600			

Extended Description:

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	Tech Questions due by 10:00am	2025-04-17

SOLICITATION NUMBER: CRFQ DMV2500000004
Addendum Number: 2

The purpose of this addendum is to modify the solicitation identified as CRFQ DMV25000000004 ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

[ ]   Modify bid opening date and time

[ ]   Modify specifications of product or service being sought

[ ]   Attachment of vendor questions and responses

[ ]   Attachment of pre-bid sign-in sheet

[ ]   Correction of error

[X]   Other

Additional Documentation:

Attach Revised Exhibit A Pricing Page

Bid Opening remains 05/01/2025 at 1:30pm

Terms and Conditions:
1.   All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.

2.   Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ DOT2500000004

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

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

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

[ ]   *Addendum No. 1*   [ ]   *Addendum No. 6*

[X]   Addendum No. 2   [ ]   Addendum No. 7

[ ]   Addendum No. 3   [ ]   Addendum No. 8

[ ]   Addendum No. 4   [ ]   Addendum No. 9

[ ]   Addendum No. 5   [ ]   Addendum No. 10

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

Accentuate Technology Inc
_____
Company

_____
Authorized Signature

5 May 2025
_____
Date

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

Proc Folder:	1640548	Reason for Modification:
Doc Description:	Mainframe Application Programmer Technical Staffing Services	ADDENDUM NO_3 Vendor Questions and Response Bid Opening Moves to 05/06/25
Proc Type:	Central Master Agreement	

Date Issued	Solicitation Closes	Solicitation No	Version
2025-04-28	2025-05-06 13:30	CRFQ 0802 DMV2500000004	4

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name :   Accentuate Technology Inc

Address :   1100 N. Glebe Rd Suite 1010 Arlington, VA 22201

Street :

City :   Arlington

State : Virginia   **Country :** USA   **Zip :** 22201

Principal Contact :   Nasirul Huq

Vendor Contact Phone: 571-209-8645   **Extension:**

FOR INFORMATION CONTACT THE BUYER
John W Estep
304-558-2566
john.w.estep@wv.gov

Vendor Signature X Accentuate Technology Inc	**FEIN#** 201490976	**DATE** 5 May 2025

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

ADDITIONAL INFORMATION

ADDENDUM NO_3

Addendum No_3 issued to publish and distribute the attached information to the Vendor Community

REQUEST FOR QUOTATION:

The West Virginia Purchasing Division is soliciting bids on behalf of WV Division of Motor Vehicles (DMV) to establish a contract for *technical mainframe application programmer technical staffing services. This will be an Open-End services contract that will provide* the services of Mainframe Application Programmer Analysts. Per the Bid Requirements, Specifications, Terms and Conditions attached to this contract.

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

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

Comm Code	Manufacturer	Specification	Model #
81111600			

Extended Description:

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	Tech Questions due by 10:00am	2025-04-17

SOLICITATION NUMBER: CRFQ DMV2500000004
Addendum Number: 3
The purpose of this addendum is to modify the solicitation identified as CRFQ DMV25000000004 ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

[X]   Modify bid opening date and time

[   ]   Modify specifications of product or service being sought

[X]   Attachment of vendor questions and responses

[   ]   Attachment of pre-bid sign-in sheet

[   ]   Correction of error

[   ]   Other

Additional Documentation:

Vendor Question and Response

Bid Opening moves to 05/06/2025 at 1:30pm

Terms and Conditions:
1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.

2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ADDENDUM ACKNOWLEDGEMENT FORM
<u>SOLICITATION NO.: CRFQ DMV2500000004</u>

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.

<u>Addendum Numbers Received:</u>
(Check the box next to each addendum received)

[ ] *Addendum No. 1*	[ ] *Addendum No. 6*
[ ] Addendum No. 2	[ ] Addendum No. 7
[X] Addendum No. 3	[ ] Addendum No. 8
[ ] Addendum No. 4	[ ] Addendum No. 9
[ ] Addendum No. 5	[ ] Addendum No. 10

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

Accentuate Technology Inc
_____
Company

_____
Authorized Signature

5 May 2025
_____
Date

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