



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.

Header @ 2

List View

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

Procurement Folder: 1698045
 Procurement Type: Central Master Agreement
 Vendor ID: VS0000045330
 Legal Name: TriOptus LLC
 Alias/DBA: TriOptus LLC
 Total Bid: \$1,295,840.00
 Response Date: 09/18/2025
 Response Time: 12:10
 Responded By User ID: TriOpts
 First Name: Yaxit
 Last Name: Patel
 Email: states@trioptus.com
 Phone: 2407284423

SO Doc Code: CRFQ
 SO Dept: 0802
 SO Doc ID: DMV2600000001
 Published Date: 9/10/25
 Close Date: 9/18/25
 Close Time: 13:30
 Status: Closed
 Solicitation Description: Mainframe Application Programmer
 Technical Staffing Services
 Total of Header Attachments: 2
 Total of All Attachments: 2

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Mainframe Application Programmer Technical Staffing Services				1295840.00

Comm Code	Manufacturer	Specification	Model #
81111600			

Commodity Line Comments:

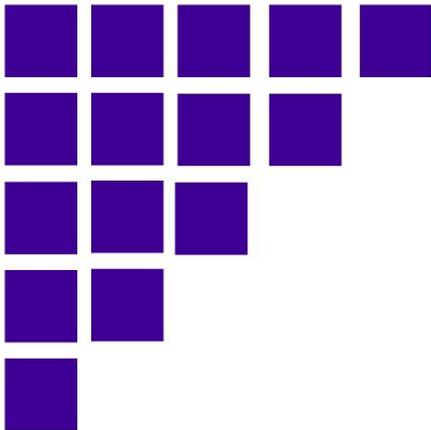
Extended Description:

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.

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 - Regular Time	2,080 hours	Application Programmer Analysts Contract Cost for 1 year based on hourly rate, regular time hours - - Year One	\$120.00	\$249,600.00
Year One - Overtime	832 hours	Application Programmer Analysts Contract Cost for 1 year based on hourly rate, overtime hours - - Year One	\$160.00	\$133,120.00
Optional Year Two Regular Time	2,080 hours	Application Programmer Analysts Contract Cost for 1 year based on hourly rate, regular time hours- - Optional Year Two	\$121.00	1212080
Optional Year Two Overtime	832 hours	Application Programmer Analysts Contract Cost for 1 year based on hourly rate, overtime hours - - Optional Year Two	\$160.00	\$133,120.00
Optional Year Three Regular Time	2,080 hours	Application Programmer Analysts Contract Cost for 1 year based on hourly rate, regular time hours - - Optional Year Three	\$123.00	\$255,840.00
Optional Year Three Overtime	832 hours	Application Programmer Analysts Contract Cost for 1 year based on hourly rate, overtime hours - - Optional Year Three	\$160.00	\$133,120.00
Optional Year Four Regular Time	2,080 hours	Application Programmer Analysts Contract Cost for 1 year based on hourly rate, regular time hours - - Optional Year Four	\$124.00	\$257,920.00
Optional Year Four Overtime	832 hours	Application Programmer Analysts Contract Cost for 1 year based on hourly rate, overtime hours - - Optional Year Four	\$160.00	\$133,120.00

**** THIS AMOUNT IS FOR EVALUATION PURPOSES ONLY****



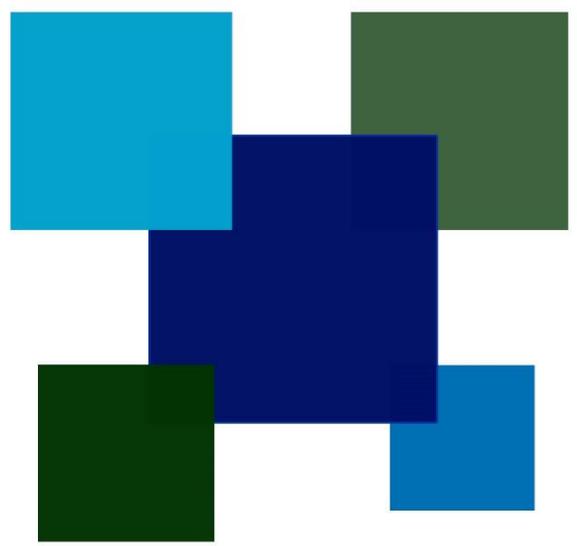
**Request for Quote
for
Mainframe Application Programmer Technical Staffing Services**

**Submitted to:
West Virginia Department of Motor Vehicles (WVDMV)**

Due Date & Time: Sep 18, 2025 @ 1:30 PM Local Time

**Submitted By:
Yaxit Patel, President**

TriOptus, LLC
24018 Burnt Hill Road,
Clarksburg, MD 20871
Phone: 862-333-0694
Email: response@trioptus.com
<http://www.trioptus.com>





24018 Burnt Hill Road, Clarksburg, MD 20871 || Phone: 862-333-0694 || Email: response@trioptus.com

Letter of Transmittal

Sep 18, 2025

Attn: John W Estep

West Virginia Department of Motor Vehicles (WVDMV)

Subject: CRFQ-0802-DMV2600000001 for Mainframe Application Programmer Technical Staffing Services.

TriOptus, LLC, hereafter referred to as “TriOptus” is presenting its proposal to the West Virginia Department of Motor Vehicles (WVDMV), WV’s Request # CRFQ-0802-DMV2600000001 for Mainframe Application Programmer Technical Staffing Services.

We are a disciplined software engineering and infrastructure services company with a proven track record of consistent revenue growth and a client base with a well-documented engineering processes and matured software development processes.

Our project and contract teams are committed to provide its corporate capabilities and resources to successfully accomplish the work activities defined in the scope of work. We strongly believe that we have an exceptional team of experienced management and technical personnel to lead and support the work required under this contract.

Authorized Representative:

Name and Title	Yaxit Patel, President
Phone	862-333-0694
Email	response@trioptus.com

In closing, thank you for allowing TriOptus to submit its proposal. We look forward to working with WVDMV on this contract, and we will do our best to meet and exceed all performance expectations.

Sincerely,

Yaxit Patel, President
TriOptus, LLC

Request for Quotes # CRFQ-0802-DMV260000001
for
Mainframe Application Programmer Technical Staffing Services

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Request for Quotes # CRFQ-0802-DMV260000001

for

Mainframe Application Programmer Technical Staffing Services

Forms

	Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130	State of West Virginia Centralized Request for Quote Info Technology
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Proc Folder: 1698045 Doc Description: Mainframe Application Programmer Technical Staffing Services Proc Type: Central Master Agreement	Reason for Modification: to post Addendum No. 2								
<table border="1"> <thead> <tr> <th>Date Issued</th> <th>Solicitation Closes</th> <th>Solicitation No</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2025-09-10</td> <td>2025-09-18 13:30</td> <td>CRFQ 0802 DMV2600000001</td> <td>3</td> </tr> </tbody> </table>	Date Issued	Solicitation Closes	Solicitation No	Version	2025-09-10	2025-09-18 13:30	CRFQ 0802 DMV2600000001	3	
Date Issued	Solicitation Closes	Solicitation No	Version						
2025-09-10	2025-09-18 13:30	CRFQ 0802 DMV2600000001	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 : TriOptus LLC
 Address : 24018 Burnt Hill Road
 Street :
 City : Clarksburg
 State : Maryland Country : USA Zip : 20871
 Principal Contact : Yaxit Patel
 Vendor Contact Phone: 2407284423 Extension:

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

 Vendor Signature X	83-3412373 FEIN#	Sep 18, 2025 DATE
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All offers subject to all terms and conditions contained in this solicitation

for

Mainframe Application Programmer Technical Staffing Services

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) Yaxit Patel, CEO

(Address) 24018 Burnt Hill Road, Clarksburg, Maryland, 20871

(Phone Number) / (Fax Number) 240-728-4423

(email address) states@trioptus.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

TriOptus LLC

(Company)

(Signature of Authorized Representative)

Yaxit Patel, CEO

(Printed Name and Title of Authorized Representative) (Date)

240-728-4423

(Phone Number) (Fax Number)

states@trioptus.com

(Email Address)

for

Mainframe Application Programmer Technical Staffing Services

12. MISCELLANEOUS:

12.1 Contract Manager: During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: Yaxit Patel

Telephone Number: 862-333-0694

Fax Number: _____

Email Address: states@trioptus.com

Company Profile

Mainframes have been a critical part of enterprise computing for decades, providing unparalleled scalability, security and reliability. However, as technology advances, organizations often need to modernize their mainframe systems to take advantage of new capabilities and integrate them with contemporary technologies.

Our approach to mainframe modernization is using the client's existing investments through mainframe application modernization while leveraging a hybrid cloud strategy spanning the mainframes and the cloud. This approach is centered on the business capability first view and incremental modernization. It enables a risk-free approach and minimal disruption to business operations while ensuring functional parity in a connected ecosystem.

TriOptus's mainframe modernization solutions offer a holistic view and framework to optimizing your infrastructure, mainframe applications, and workloads. As your trusted partner, we can help accelerate mainframe application, data, and infrastructure modernization for increased business value.

From mainframe migration to mainframe automation, we help you devise a modernization or transformation journey through a tailored mainframe modernization strategy that prioritizes your applications and data.

With complex business demands and application platforms, it is important for them to be lively in development and cut cost in modernization, support and maintenance of major applications. At TriOptus, our Mainframe Application solutions cover best services with futuristic technology and great industry skills. We are offering these services –

- **Application Maintenance, Development and Support** – It ensures fastest turnaround time to drive, market, and improve productivity and ticket reduction for mission critical business.
 - **Application Development**
 - IBM Z® and IBM i operating systems
 - Due diligence and solutioning
 - Transition framework
 - Discover, E2E development
 - Tools and automation
 - Release management
 - **Maintenance Support**
 - Production support
 - Application support
 - Maintenance
 - Onshore and offshore operation model
 - **Dedicated Testing Services**
 - Mainframe focused test services with specialized workforce and optimized automation test tools
 - Specialized mainframe test expertise in niche skills
 - Optimized automation test tools
 - Automated legacy online testing
 - Mainframe test data management
 - Security data testing using inbuilt masking features
 - Performance testing providing optimization and recommendations for applications,
 - Migration testing services offering a comprehensive suite of tools, processes, and resource experts aligned with migration needs
 - **DevOps Services**
 - Systematic services to implement DevOps across IBM Z® and IBM i operating systems
 - End-to-end automated SDLC process – IDE
 - Cross platform integration

- Agile/SCM distribution
- Static code analysis
- Automated testing, release and deployment
- Continuous integration
- Real-time dashboard
- **Mainframe Technical Operations Services**
 - Console operations
 - 24/7 support on mainframe scheduling requests, incidents and problem management
 - Trend analysis and schedule optimization
 - Tape and DASD management
 - User management
 - Mainframe storage administration
 - Capacity planning and disaster recovery
 - LPAR maintenance
 - Z/OS, IMS, DB2 and MQ upgrade
- **Advisory and consulting services** – This way, your enterprise can be constantly updated with technology.
- **Automation** – It covers using accelerators and industry-specific tools which are developed in-house.
- **Modernization Services** – They are helpful to re-platform, re-architect and re-engineer in migration to stay up-to-date with modern technology trends.

Application Modernization Roadmap

Significant business requires a project plan, and app modernization is no different. A roadmap will help establish a clear product vision, identify priorities, and encourage effective communication between departments.

Step 1: Define the scope and objectives

Defining the scope and objectives is the foundational step in creating an application modernization roadmap. It involves understanding the business context, selecting the right applications, and setting clear goals.

Deliverables:

- **Objective:** A clear statement of the modernization goals and the business needs it aims to address.
- **Scope:** An overview of the applications to be modernized, the chosen strategies, and the expected outcomes.
- **High-level timeline:** A broad timeline that provides an overview of the major phases and milestones.

This step ensures alignment with organizational needs and provides a clear direction, making it essential for success.

Step 2: Establish monitoring and evaluation criteria

Establishing monitoring and evaluation criteria is a vital step in ensuring that the modernization effort stays on track and achieves the desired outcomes. It's about setting clear performance metrics, implementing continuous monitoring tools, and defining evaluation criteria that align with the project's goals.

Deliverables:

- **Performance metrics:** Key performance indicators (KPIs) that will be used to measure the success of the modernization effort. These metrics should be aligned with the project's objectives and provide quantifiable insights into performance improvements, cost savings, and business impact.

- **Monitoring tools:** Tools and processes for continuous monitoring and tracking of progress. This includes implementing dashboards, reporting systems, and analytics tools that provide real-time visibility into the project's status, performance, and risks.
- **Evaluation criteria:** Criteria for evaluating the success of the modernization effort, including performance improvements, cost savings, and business impact. This involves defining clear benchmarks, standards, and targets that reflect the project's goals and vision.

By establishing robust monitoring and evaluation criteria, you can ensure that the modernization effort is continually assessed, optimized, and aligned with the strategic goals.

It's about creating a feedback loop that enables continuous learning, adaptation, and improvement.

Step 3: Assess the current state

Assessing the current state is a critical phase in the roadmap creation process. It involves a detailed analysis of existing applications, their performance, dependencies, and potential risks. This step provides valuable insights into areas needing improvement, identifies complexities, and helps in planning the modernization strategy. It forms the basis for informed decision-making, allowing for an accurate assessment of the current landscape.

Deliverables:

- **Application inventory:** A detailed list of the existing applications, including their functionality, technology stack, dependencies, and performance metrics.
- **Risk assessment:** An analysis of the potential risks and challenges, including technical debt, security vulnerabilities, and compliance issues.
- **Cost analysis:** An estimate of the current costs of maintaining and operating the legacy systems.

Step 4: Define the future state vision

Defining the future state vision is a pivotal step that sets the direction for the entire modernization effort. This step involves painting a clear picture of the target technology architecture and how it will fit into the broader business strategy.

Deliverables:

- **Target architecture:** A description of the desired future state, including the target technology architecture, integration requirements, and scalability considerations.
- **Business alignment:** A clear alignment of the modernization efforts with the organization's strategic goals and business objectives.
- **Compliance and security requirements:** A detailed outline of the compliance and security standards that modernized applications must meet.

By defining the target architecture, organizations create a roadmap that is not only technically sound but also strategically aligned and responsive to market needs.

Step 5: Develop the modernization strategy

Developing a modernization strategy is a critical phase where the organization outlines the specific approach and methods to achieve the future state vision. This step requires a deep analysis of the current systems and a clear understanding of the desired outcomes. It's about choosing the right path that balances risk, cost, time, and value.

Deliverables:

- **Modernization approach:** A detailed explanation of the chosen modernization approach, whether it's rehosting, re-platforming, re-architecting, rebuilding, or replacing.
- **Technology selection:** A list of the technologies, tools, and platforms that will be used in the modernization process.

- **Migration plan:** A step-by-step plan for migrating data, code, and other assets from the legacy systems to the new (cloud) environment. This includes defining the migration process, identifying potential challenges, and developing strategies to overcome them.

It's about making informed decisions that take into account the unique characteristics of the existing systems and the specific needs of the business. This way modernization is not just a technical exercise but a strategic initiative that delivers real value.

Step 6: Create the implementation plan

Creating the implementation plan is where the modernization strategy is translated into actionable tasks and milestones. It's a detailed roadmap that outlines the entire process of transforming legacy applications into modern systems.

Deliverables:

- **Project timeline:** A detailed timeline that includes all the tasks, dependencies, milestones, and deadlines. This provides a clear view of the entire project, allowing for effective scheduling, tracking, and management.
- **Resource allocation:** A plan for allocating resources, including team members, budgets, and tools. This involves identifying the required skills, roles, and responsibilities and ensuring that the right people and resources are assigned to the right tasks.
- **Risk mitigation strategies:** Specific strategies to address and mitigate the identified risks and challenges. This includes conducting a thorough risk analysis, developing contingency plans, and implementing measures to minimize potential issues.

It's about breaking down the complex process into manageable tasks and aligning them with the overall goals and vision. It guides the team through the entire journey, providing clarity, direction, and support. Also, it ensures that everyone involved understands their roles and responsibilities and that the project stays on track, on time, and on budget.

Step 7: Engage stakeholders and communicate the plan

Engaging stakeholders and communicating the plan is a critical step in ensuring the success of the application modernization roadmap. This involves identifying all the stakeholders involved, understanding their roles, interests, and concerns, and developing a comprehensive communication and engagement plan.

Deliverables:

- **Stakeholder identification:** A list of all the stakeholders involved in the modernization effort, including their roles and responsibilities. This includes internal stakeholders such as executives, managers, developers, and end-users, as well as external stakeholders such as vendors, partners, and regulators.
- **Communication channels:** A plan for regular communication with stakeholders, including meetings, reports, and updates. This involves defining the frequency, format, and channels of communication, ensuring that stakeholders are kept informed, engaged, and aligned.
- **Change management strategies:** Strategies to manage organizational change and ensure smooth adoption of modernized applications. This includes training, support, and communication strategies that address the human and cultural aspects of change.

Importance in the application modernization process

An app modernization roadmap plays a vital role in the success of the modernization initiative. Its importance lies in:

- **Guiding the transformation:** It provides a clear direction, helping stakeholders understand the what, why, and how of modernization.

- **Facilitating decision-making:** By providing detailed insights into the current state and future goals, the roadmap helps in making informed decisions, selecting the right approaches, and prioritizing efforts.
- **Managing complexity:** Modernizing applications is a complex and multifaceted process. The roadmap helps in managing this complexity by breaking down the process into manageable parts, defining clear responsibilities, and setting achievable goals.
- **Mitigating risks:** By identifying potential challenges, risks, and dependencies early in the process, the roadmap allows for proactive risk management, reducing uncertainties, and avoiding surprises.
- **Monitoring progress:** The roadmap serves as a tracking tool, enabling continuous monitoring of progress, assessing performance against planned milestones, and making necessary adjustments to stay on track.
- **Aligning with business goals:** It ensures that the modernization efforts are aligned with the overall business strategy, supporting the organization's growth, innovation, and competitive positioning.

Key benefits

Creating an application modernization roadmap is not just a preparatory step; **it's a strategic activity** that brings significant benefits to the organization.

- **Clarity and alignment**
 - **Shared vision:** A well-defined roadmap ensures that all stakeholders have a shared understanding of the modernization goals, strategies, and timelines, fostering collaboration and alignment.
 - **Strategic alignment:** By linking modernization efforts to business objectives, the roadmap ensures that the initiative supports the organization's strategic goals and priorities.
- **Risk mitigation**
 - **Proactive risk management:** The roadmap helps identify potential risks and challenges early in the process, allowing for proactive mitigation strategies, reducing uncertainties, and enhancing project success.
 - **Compliance assurance:** By addressing regulatory and compliance requirements in the planning phase, the roadmap ensures that the modernized applications meet all necessary legal and industry standards.
- **Resource optimization**
 - **Efficient resource allocation:** The roadmap enables the efficient allocation of resources, ensuring that the right people, tools, and technologies are in place at the right time.
 - **Cost control:** Cost estimates and budget planning in the roadmap help control the costs, ensuring that the modernization initiative stays within budget and delivers the desired ROI.
- **Agility and flexibility**
 - **Adaptive planning:** A well-crafted roadmap is not a rigid plan; it's a flexible guide that can adapt to changes and unexpected developments.
 - **Facilitated change management:** By providing a clear path and milestones, the roadmap facilitates change management, helping the organization navigate the transformation smoothly and efficiently.



- **Performance tracking and improvement**
 - **Continuous monitoring:** The roadmap tracks progress, measures performance against milestones, and allows adjustments to stay on course.
 - **Performance optimization:** By analyzing progress and performance, the roadmap helps in identifying areas for improvement, optimizing processes, and enhancing the overall effectiveness of the modernization effort.
- **Enhancing stakeholder engagement**
 - **Clear communication:** The roadmap serves as a communication tool, providing clear and consistent information to all stakeholders, enhancing transparency, and building trust.
 - **Stakeholder buy-in:** When you involve stakeholders in the roadmap creation process, you can address their concerns and expectations. The roadmap helps in securing buy-in and support, ensuring a collaborative and committed approach to modernization.

Experience

Client Name	Services Provided
Pinnacle Technical Resources, Inc.	<ul style="list-style-type: none"> • Worked through all the project lifecycle SDLC Software Development Life Cycle which is a waterfall methodology starting from high level design to system/integration testing • Performed impact analysis of the system • Involved in Coding COBOL-DB2 Modules • Created unit test plan and execute Unit Testing
Magnit Global, Inc.	<ul style="list-style-type: none"> • Managed the successful migration of the data from the legacy mainframe (VSAM and Flat Files) to the SQL DB which had a cost saving. • Conducted due diligence reporting and risk analysis and recommended appropriate risk based actions concerning all clients relationships.
Right Sourcing USA, Inc.	<ul style="list-style-type: none"> • Managed data warehousing project to port mainframe reporting data to RAID array and UNIX processing • Managed the project to replace mainframe compiling • Transferred the mainframe files from production to the test environment.

Resumes

Resume #1

Sumanth Yasumreddy

Summary

- Mainframe Senior Developer with over 22 years of experience in IT, specializing in COBOL, SQL, and JSON integration.
- Extensive expertise in leading and delivering complex mainframe projects across insurance, healthcare, and retail sectors.
- Skilled in API integration, microservices creation, performance tuning, and agile methodologies. Proven ability to enhance system performance, streamline workflows, and mentor development teams.
- Proficient in mainframe technologies including DB2, CICS, VSAM, JCL, MQ Series, and assembler programming.
- Demonstrated success in project leadership, design documentation, testing, deployment, and production support.

Education

- Bachelor's Degree, Computer Science, Osmania University, Hyderabad, 2002

Skills

COBOL, JCL, DB2, CICS, VSAM, XML, MQ Series, SOAPUI, Test Harness, Fitness, CICS Web Services, Rocket Shuttle, JIRA, IBM DB2 Command Center, MS Visio, DB2 Data Studio, Native Stored Procedures, Assembler, Librarian, Google Cloud, Java, Spring, Dockers, GitHub, Postman, JSON, ZFAM Walmart Tool, Control M, COSMODB, JIRA, SharePoint, Service Now, Confluence, IDMS

Work Experience

Walmart Reston, VA

Aug 2020 - Present

Mainframe Senior Developer

- Gathered and clarified business requirements with clients
- Prepared mainframe design documents for high-level and technical solutions
- Conducted POC for z/OS Connect, APIGEE, and ZFAM tool procurement and security setup
- Integrated JSON with Mainframe using z/OS Connect and APIGEE
- Created microservices in Mainframe and integrated with Orchestrator
- Converted JSON structures to COBOL copybook
- Supported Event Driver Architecture (Kafka Integration) with Mainframe
- Analyzed, coded and tested modules using COBOL, DB2, CICS, and VSAM
- Coordinated release activities for project deployment
- Unit tested changes using Postman and debugged with Xpediter
- Scheduled jobs using Control M in development and production environments
- Worked using Agile/Scrum methodology
- Led API integration with mainframe systems to improve operational efficiency
- Developed map-reduce flows in Microsoft HDInsight Hadoop environment using Python
- Used Hibernate ORM for SQL-Java object mapping

Hasting Mutual Insurance Hasting, MI

Jan 2020 - Jul 2020

Mainframe Developer

- Collaborated with stakeholders to identify risks and develop mitigation plans
- Led analysis and testing of COBOL modules to enhance system reliability and performance
- Mentored team on standardization practices

for

Mainframe Application Programmer Technical Staffing Services

- Monitored and supported batch jobs for production and development
- Captured test execution results in HP Quality Center
- Coded and tested JCL and PROC for batch processing
- Automated daily tasks using REXX and CLIST
- Developed COBOL programs to call DB2 fetchable modules
- Performed tuning of stored procedures, SQL queries, CICS transactions, and batch JCL
- Integrated APIs with mainframe systems for smooth data interchange
- Coordinated release activities involving migration of WSDL, WESBIND, COBOL, JCL, and DB2 changes
- Developed and deployed scalable web applications using C#, ASP.NET, and SQL Server
- Performed in-depth analysis of business processes and improved system performance
- Designed and maintained IDMS databases and conducted database administration
- Developed MQ series interface programs
- Conducted performance tuning of DB2 access paths
- Developed and debugged COBOL IDMS programs
- Collaborated with DBAs and Data Architects on DB2 table creation
- Wrote complex SQL queries using SPUFI
- Unit tested changes using SOAPUI and Test Harness

Target Minneapolis, MN
Mainframe Developer

Aug 2019 - Dec 2019

- Managed project quality processes ensuring adherence to client specifications
- Developed and implemented MQ series interfaces to enhance system integration
- Created and debugged COBOL programs for improved application performance
- Collaborated with analysts to design deployment diagrams
- Conducted feasibility studies on CICS response times to optimize efficiency

Carefirst Reston, VA
Mainframe Developer

Jul 2018 - Jul 2019

- Formulated requirements into design specifications
- Prepared mainframe design documents for high-level and technical solutions
- Analyzed, coded and tested modules using COBOL, DB2, CICS, and VSAM
- Debugged programs using Mainframe Expeditor tool
- Gained experience with EDI transactions including 834 and 837
- Collaborated with DBAs and Data Architects on new DB2 tables creation
- Identified causes for abends using Abend Aid
- Prepared and modified test input files using File Aid
- Worked on DB2 performance tuning
- Removed IDMS references from COBOL programs using TSO CONV2FWK utility
- Developed assembly language code
- Prepared documentation for coding, unit testing, SIT, and installation
- Created test scripts and unit test cases using HP Quality Center
- Prepared root cause analysis on defects and executed regression tests
- Monitored jobs for post-production support using CA7
- Coded and tested JCL and PROCS for batch processing
- Automated daily tasks using REXX and CLIST
- Improved production tablespaces performance using File Aid DB2 and VSAM file access
- Mentored team members on implementation guides standardization

for

Mainframe Application Programmer Technical Staffing Services

- Wrote complex queries using SPUFI
- Maintained and enhanced client applications and internal systems
- Optimized mainframe design documents for efficient solutions and improved delivery timelines

**Erie Insurance Erie, PA
Mainframe Consultant**

Jun 2014 - Jul 2018

- Participated in Functional Requirement Specifications and Additional Design Specification meetings
- Analyzed existing systems to incorporate changes
- Designing, developing, and maintaining large-scale applications on IBM Mainframe environments (COBOL, JCL, DB2, VSAM, CICS, IMS).
- Supported mission-critical government and DMV-related applications with a focus on performance, security, and compliance.
- Performed roles as Technical Architect, Technical Lead, and Senior Developer
- Prepared High-Level Design (HLD) and Low-Level Design (LLD) documents
- Guided development team and resolved technical issues
- Prepared test plans including unit and technical assembly testing
- Developed batch and online mainframe modules using Java, COBOL, CICS, JCL, DB2, VSAM, UNIX
- Worked on PMSC application for 4 years
- Experienced with IMS DB including logical and physical database design and utilities like REORG, COPY, RUNSTATS
- Created database objects and supported Oracle databases
- Wrote major assembler program for printing application with RAM in ZVM
- Proficient in reading CICS dumps and identifying failures in assembler
- Set up and managed Oracle 12c/13c databases
- Created and modified test and production JCLs, PROCs, and parameters
- Used SPUFI, QMF, PLATINUM, stored procedures, and DB2 utilities
- Performed SQL tuning
- Played major role in system and user acceptance testing
- Coordinated and conducted unit, system and integration testing
- Provided production support
- Documented changes and reference materials
- Worked on Customer/1 metering and billing applications integrating with smart meters
- Developed code for Customer/1 CSS system supporting third-party paperless billing
- Created ad hoc reports using DFSORT, ICETOOL, and MS Office
- Provided program error fixes
- Ensured quality delivery meeting client guidelines

**Westfield Insurance Cleveland, OH
Mainframe Lead**

Nov 2012 - May 2014

- Automated ISO reporting and edit correction process
- Provided support in development, integration, QA and production environments
- Planned and implemented AGOP project from rollout to implementation
- Allocated resources and distributed effort hours
- Worked on PMSC application for 2 years
- Redesigned reinsurance application including reporting by state and company
- Created knowledge repository for system-specific cross-functional training
- Supported capability for adding new dimensions to premium earning formulas
- Planned and designed unique XML data reporting process to DMVs

- Experienced in integrating systems with the American Association of Motor Vehicle Administrators (AAMVA) partner applications and ensuring seamless data exchange across state and federal platforms.
- Modified class block information for actuaries
- Created estimation tool for duplicate load library project
- Implemented new loss experience adjustment process
- Expanded transactions for accurate statutory and bureau reporting
- Ensured service level agreements were met

Westfield Insurance Cleveland, OH

Dec 2010 - Nov 2012

Mainframe Tech Lead

- Implemented new rating plan including pricing by peril and new rating data elements
- Supported capability for new rating data elements and attributes
- Modified actuarial information capture and availability
- Created rating worksheet
- Worked on PMSC application for 2 years
- Developed automated rate upload process
- Coded network database design and COBOL batch jobs for conversion tools
- Debugged existing applications using TSO debug tool
- Developed and modified COBOL IDMS/DB2 programs
- Prepared technical flow design diagrams using MS Visio

Selective Insurance Glastonbury, CT

Nov 2006 - Dec 2010

Senior Software Engineer

- Oversaw quality procedures for Hit Ratio Project
- Analyzed client requirements and design specifications
- Designed, developed and implemented MQ series interface programs
- Created physical sequential data files from DB2 source tables
- Debugged application programs using Xpediter tool
- Conducted feasibility studies on CICS response times
- Prepared technical specifications for IDMS Logical Record Facility
- Created design specification documents
- Developed COBOL programs to call DB2 fetchable modules

Selective Insurance Glastonbury, CT

Jan 2003 - Oct 2006

Software Engineer

- Planned project phases to enhance efficiency and reduce risks
- Analyzed software processes and improved technical flow
- Developed COBOL and CICS code to ensure system robustness
- Supported integration and QA environments
- Coded Assembler programs for IDMS and RACF compatibility
- Mentored associates to foster skill development

Resume #2

Mouliswara Reddy Nemali Summary

- An accomplished Information Technology professional with over 15+ years of experience in coordinating complex projects involving Business analysis, Project Proposals, software development, maintenance, programming, and testing.
- Excellent analytical ability, facilitative, consultative, accountable, strong leadership, interpersonal communication and judgment skills including teamwork, building customer relationships.
- Extensively worked in Development, Maintenance, Testing, Support and Analyst of application software on IBM Mainframe Systems.
- Strong knowledge in Design, Developing and production of various Mainframe Application.
- Analyzed, designed, and created new JCL JOBS, PROCs for daily, monthly & yearly Reporting purposes.
- Highly knowledgeable in identifying Technical Solutions for Complex Integration Problems and providing Technical Design for Business Solutions.
- Liaison experience, customer consultant facilitating business process integration efforts between diverse groups, communication of technical concepts to non-technical audiences, collaboration of business and technical environments, JAD & RAD facilitator.
- Good Experience in leading and coordinating the team members across the Client and Vendor Teams.
- Extensive working experience in 24x7 Production support, Incident Management, Change Management, Problem Management.
- Good experience in Financial Systems in the areas of Onboarding the Clients and supporting the Client Onboarding activities
- Experienced in Client Data Analysis and development of Data conversion utilities based on the Client needs
- In-depth knowledge of web services, service-oriented architecture (SOA), ETL, data warehouse and business intelligence (BI) concepts, Master Data Management, Metadata Management and Data Quality Management.
- Experience in Production support, analyzing production issues and routing the defects to respective teams.
- Very good knowledge on Agile methodologies and DevOps Principles.
- Seamless understanding of business and technology and their interrelationships.
- A quality conscious and innovative individual who can come up with and implement reliable solutions with zero defects and who can work as part of a team, as well as in an unstructured environment.

Education & Certifications

- Master's degree in computer applications
- Bachelor's degree in computer science
- AWS Certified Solutions Architect

Work Experience

North Carolina Dept. of Transportation, Raleigh NC Technical Lead

Aug 2017 – Till Date

- Served as Technical Lead for SADLS Refactoring project.
- Served as Interface designer for HB97/ Global Stop project for LITES.
- Served as a Techno Functional SME and Lead Developer for NGSADLS Project.
- Lead the effort of designing and Implementation of NGSADLS (Next Generation State Automated Driver License System) for NCDOT.

Responsibilities

- Prepared Modularization and Web Enablement approach for SADLS System.
- Provided the impact analysis for the existing system to move to COTS product as part of Interopobility Project.
- Modifying and Incorporating security requirements into the application design.
- Involved in all the SDLC phase involved in this project which includes analysis, design, build, unit testing, System testing, System integration testing and deployment.
- Prepared Project Proposals and evaluated Vendor applications to choose the correct vendor for the COTS product.
- Works on cross-functional teams to proactively address support issues.
- Prepare Effort Estimations, Impact analysis and High-level design documentation for the new functional requirement.
- Identifying the existing CICS transactions to be exposed to ESB using web services with SOA framework to implement COBOL web service enablement.

North Carolina Dept. of Transportation, Raleigh NC

May 2010 – Aug 2017

Programmer Analyst

- Involved in design and implementation of Online Renewal program.
- Involved in design and Implementation of Duplicate Driver License program.
- Involved in design and Implementation of REAL-ID initiative.
- Involved in design and Implementation of the Interface between Morphotrust and NCDOT
- Involved in Business Process Mapping project by providing interface diagrams between different systems in DOT Mainframe Environment.

Responsibilities

- Provided Business Analysis and Design effort for NGSADLS which is one of the AAMVA initiatives to modernize the existing Driver License card
- Identified the Business needs, performed Gap Analysis between the current SADLS System and proposed Morphotrust System.
- Implemented NGSADLS System in collaboration with Morphotrust in a given time and budget.
- Coordinated with different IT Teams such as STARS, SADLS and LITES for better usage of Enterprise tables and code share.
- Implemented existing Business rules within NCDOT in the Morphotrust Applications.
- Provided excellent Client Support during the Integration Process.
- Participate in on-call rotation for application support of production related issues.

North Carolina Dept. of Transportation, Raleigh NC

Jul 2008 – May 2010

Software Engineer

- Worked with Core business systems of the STARS (State Titling and Registration) to implement projects like E-Sticker program, Specially Construct, UCR and Provided full application systems support for the designated STARS subsystems including Requirement gathering, developing, modifying, and testing new and existing technical components. IBM, z/OS, COBOL, DB2, SQL, File-Aid, QMF, ENDEVOR, JCL, TSO, ZEEK, CICS, VSAM, FTP.

Responsibilities

- Analyzed existing online and batch applications, Prepared the High-Level Design Documents, Component Specifications, Developed and tested the changes and documented the test cases and test cases results and conducted the reviews using the COBOL, SAS, JCL, DB2, CICS, MQ, IMS/DB.
- Created various COBOL/CICS/DB2/VSAM programs for batch processing of IBM System.
- Worked extensively in implementing CDLIS/RDLIS interactions with DOT systems.
- Implemented Webservices across the Inbound and Outbound Systems such as NC AOC (NC Administrative Office of Courts), NC DOR(Department of Revenue) etc.,

- Analyzed existing online and batch applications, Prepared the High-Level Design
- Provided 24 x 7 on call batch and online production support for designated mainframe STARS subsystems.

Bank of America, Hyderabad, India

Jun 2006 – Feb 2008

Sr. Software Engineer

- Analysis of the existing Legacy application in COBOL, DB2 and identified the feasible functionalities within the system to convert in Web Technologies using JAVA, XML, SOAP, WSDL and JSF's

Verizon Data Services, Hyderabad, India

Mar 2004 – May 2006

Analyst

- Worked on E-Media project (Prepares and analyzes customer Bills) to integrate E-Media system with VZ450 Billing system which uses XML files and implemented different billing options like paper, One Envelope option

IBM Global Services India, Bangalore, India

Oct 2003 – Mar 2004

Software Engineer

- Worked for various Clients like Telstra of Australia and Romanian Government Client and provided technical and programming solutions to application needs of Clients.

Wipro Technologies, Bangalore, India

Mar 2002 – Sep 2003

Software Engineer

- Worked for Nationwide Insurance client as part of National Billing Platform and provided Technical Support to the project.

Request for Quotes # CRFQ-0802-DMV260000001
for
Mainframe Application Programmer Technical Staffing Services

Acknowledgement to Addenda

for

Mainframe Application Programmer Technical Staffing Services

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ DMV26*01

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

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

TriOptus LLC

Company



Authorized Signature

Sep 18, 2025

Date

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