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.

Procurement | Budgeting | Accounts Receivable | Accounts Payable

Solicitation Response(SR) Dept: 0802   ID: ESR09172500000001986   Ver.: 1   Function: New   Phase: Final   Modified by batch , 09/18/2025

Header 2

List View

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

Procurement Folder: 1698045

Procurement Type: Central Master Agreement

Vendor ID: VS0000040361

Legal Name: Advanced Analytical Systems, Inc.

Alias/DBA:

Total Bid: $8,960,000.00

Response Date: 09/18/2025

Response Time: 3:40

Responded By User ID: AASystems

First Name: Priyanka

Last Name: Arora

Email: info@advancedanalyticalsysl

Phone: 7033482871

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

Proc Folder:	1698045
Solicitation Description:	Mainframe Application Programmer Technical Staffing Services
Proc Type:	Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2025-09-18 13:30	SR 0802 ESR09172500000001986	1

VENDOR
VS0000040361 Advanced Analytical Systems, Inc.

Solicitation Number:	CRFQ 0802 DMV2600000001				
Total Bid:	8960000	**Response Date:**	2025-09-18	**Response Time:**	03:40:29
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				8960000.00

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

TOTAL INSTALLATION & DELIVERY COST							
LOCATION - 5707 MacCorkle Avenue, S.E., Charleston, WV 25304							
Item Number	Quantity	Description	Unit Price	YEAR 1 TOTAL	OPTIONAL YEAR 2 TOTAL	OPTIONAL YEAR 3 TOTAL	OPTIONAL YEAR 4 TOTAL
	(8x2500 hrs)	Application Programmer Analysts Contract Cost for 1 year based on hourly rate	$109.00	$2,180,000.00	$2,220,000.00	$2,260,000.00	$2,300,000.00
Total	$8,960,000.00						

This amount is for evaluationn purposes only

RFP Title: Mainframe Application Programmer Technical Staffing Services

Solicitation Number #: CRFQ 0802 DMV2600000001

Response submitted to: John W. Estep

West Virginia Division of Motor Vehicles (WV DMV)
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Phone: 304-558-2566
Email: john.w.estep@wv.gov

Proposal Submitted by: Priyanka Arora, President

Advanced Analytical Systems, Inc.

Corporate Office: 24035 Whitten Farm Ct, Ste A, Aldie, VA, 20105

Phone: 703-348-2871 | Email: info@advancedanalyticalsystems.com

http://www.advancedanalyticalsystems.com

Proposal due Date & Time: September 18, 2025 at 1:30 PM (ET)

Advanced Analytical Systems, Inc.

Transmittal Letter

Dated: September 18, 2025

Kind Attn: John W. Estep
West Virginia Division of Motor Vehicles (WV DMV)

Advanced Analytical Systems, Inc. sincerely appreciates the opportunity to respond to Solicitation **CRFQ 0802 DMV2600000001**for **Mainframe Application Programmer Technical Staffing Services** with the **West Virginia Division of Motor Vehicles (WV DMV)**. We trust that our response effectively highlights our qualifications and proven track record in meeting your requirements.

As a leading IT solutions provider, Advanced Analytical Systems, Inc. brings extensive expertise in delivering high-quality solutions to clients nationwide. Our reputation as a premier workforce solutions partner is built on our robust staffing and employment outsourcing capabilities.

After a thorough review of the **Mainframe Application Programmer Technical Staffing Services** contract requirements, we have prepared a proposal that reflects our understanding of the WV DMV needs. Our submission outlines our ability to deliver top-tier solutions and skilled resources at a competitive price, ensuring the success of your project.

We confirm and acknowledge receipt of all Q&As and Addenda issued for this solicitation.

Should you have any questions or require further information, please do not hesitate to contact me directly.

Priyanka Arora
President
Advanced Analytical Systems, Inc.
Phone: 703-348-2871

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Required Forms

<table>
<tr>
<td colspan="2">Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130</td>
<td colspan="2">State of West Virginia
Centralized Request for Quote
Info Technology</td>
</tr>
</table>

Proc Folder:	1698045		Reason for Modification:
Doc Description:	Mainframe Application Programmer Technical Staffing Services		to post Addendum No. 2
Proc Type:	Central Master Agreement		

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:　VS0000040361

Vendor Name :　Advanced Analytical Systems, Inc.

Address :　24035 Whitten Farm Ct, Ste A

Street :

City :　Aldie

State : Virginia　　　　　　Country : USA　　　　　　Zip : 20105

Principal Contact :　Priyanka Arora

Vendor Contact Phone:　703-348-2871　　　　Extension:

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

Vendor
Signature X _Priyanka_　　　　　FEIN# 46-2846333　　　　DATE Sep 18, 2025

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

Date Printed:　Sep 10, 2025	Page: 1	FORM ID: WV-PRC-CRFQ-002 2020/05

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) Priyanka Arora, President

(Address) 24035 Whitten Farm Ct, Ste A, Aldie, VA, 20105

(Phone Number) / (Fax Number) 703-348-2871

(email address) info@advancedanalyticalsystems.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through *wv*OASIS, 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.

Advanced Analytical Systems, Inc.
(Company)

Priyanka [signature]
(Signature of Authorized Representative)
Priyanka Arora, President
(Printed Name and Title of Authorized Representative) (Date)
703-348-2871
(Phone Number) (Fax Number)
info@advancedanalyticalsystems.com
(Email Address)

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: Priyanka Arora

Telephone Number: 703-348-2871

Fax Number: N/A

Email Address: info@advancedanalyticalsystems.com

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)

[X] 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.

Advanced Analytical Systems, Inc.
_____
Company

Priyanka
_____
Authorized Signature

Sep 18, 2025
_____
Date

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

Company Capability

For over a decade, Advanced Analytical Systems, Inc. (AASI) has positioned itself as a trusted national leader in Technology and Workforce Solutions. Since our founding in 2013, we have partnered with government agencies, Fortune 500 companies, and mid-sized enterprises to provide exceptional IT consulting, staff augmentation, and project-based services. What sets AASI apart is our ability to combine advanced technology with human expertise, delivering staffing solutions that are not only rapid but also highly reliable, scalable, and tailored to mission-critical environments like the West Virginia Division of Motor Vehicles (WV DMV).

Our credibility rests on a three-pillar foundation that continues to drive measurable client success:

- **Deep Industry Expertise –** Over the years, AASI has developed a nuanced understanding of the challenges facing government IT and staffing engagements. From acquiring specialized skills in legacy mainframe technologies (COBOL, CICS, DB2, JCL) to ensuring strict compliance with REAL ID and CDLIS mandates, our expertise allows us to support the DMV's modernization and system enhancement goals without operational disruption.

- **AI-Enhanced Precision –** Through our proprietary AI-powered recruitment tools, we are able to dramatically reduce time-to-hire while elevating candidate quality. These tools scan, analyze, and predict the best fit from a continuously refreshed database of 25,000+ pre-screened professionals, ensuring that the DMV receives talent with both technical expertise and cultural compatibility.

Globally Recognized Best Practices – Our service delivery is anchored in ITIL, Agile, and COBIT frameworks, enabling us to execute every engagement with precision, compliance, and operational discipline.

By uniting technology, process discipline, and industry insight, AASI delivers solutions that consistently exceed expectations, enabling agencies like the WV DMV to achieve operational continuity, regulatory compliance, and long-term system sustainability.

Vision Statement - To be the trusted leader in IT consulting and workforce solutions, empowering organizations to achieve their full potential through innovative technology, exceptional talent, and transformative strategies.

Mission Statement - To deliver tailored IT solutions and workforce services that drive operational excellence, foster innovation, and create value for our clients. We are committed to building lasting partnerships, empowering talent, and evolving continuously to meet the challenges of the modern technological landscape.

Pioneering Workforce Solutions

We pioneered advanced workforce strategies that anticipate and address evolving client needs. From strategic workforce planning to Recruitment Process Outsourcing (RPO), every engagement is tailored to the DMV's unique environment. Unlike local-only competitors, AASI operates with a nationwide reach, sourcing specialized candidates from across the U.S. to ensure that the DMV gains access to the most qualified professionals available.

Retention-Focused Culture

Our staffing model is not limited to filling roles—it ensures long-term engagement and success.

Retention Driver	What AASI Provides	Impact for WV DMV

Competitive Compensation	Market-driven salaries, benefits, and retirement plans	Attracts and retains top professionals
Employee Engagement	Recognition, wellness, and development programs	High morale and sustained productivity
Low Turnover	<10% consultant attrition rate	Preserves institutional knowledge and project continuity

Through these practices, AASI maintains retention levels well above industry standards, ensuring DMV operations remain consistent and stable.

Innovation through AI & Advanced Analytics

Innovation is at the core of AASI's operating model. By embedding Artificial Intelligence and Machine Learning across the staffing lifecycle, we deliver faster, smarter, and more reliable results.

AI Application	How It Works	Value to DMV
Discovery Analytics	Analyzes workforce and system data to identify inefficiencies	Better planning and optimized staffing
Predictive Modeling	Anticipates future staffing and technical needs	Prevents critical gaps before they impact operations
Intelligent Automation	Automates candidate sourcing and evaluation	Shorter time-to-fill with greater accuracy
Proactive Monitoring	AI tools detect anomalies in IT systems	Prevents downtime and service disruption

Comprehensive Service Capabilities

Since 2013, AASI has expanded its services to meet the diverse needs of clients across sectors. Every service line is designed with flexibility, speed, and measurable value in mind.

- Information Technology Staffing - We provide IT professionals across software development, cybersecurity, cloud, data, and infrastructure.
- Temporary & Direct Hire Staffing - We support administrative, clerical, and operational staffing with seamless payroll and benefits management, ensuring clients can scale as needed.
- Finance & Accounting Staffing - From auditors to compliance specialists, we provide finance professionals with verified credentials to reduce risk and ensure accuracy.
- Administrative & Office Support - We deliver office managers, project coordinators, and executive assistants who strengthen daily operations with minimal onboarding needs.
- Healthcare & Medical Support - We source credentialed staff for both clinical and non-clinical roles, ensuring full compliance with healthcare regulations.
- Legal Support Staffing - We provide paralegals, litigation support, and legal researchers with verified licenses and confidentiality assurance.

Our Core Values in Action

- Continuous Learning with Humility – Staying ahead of evolving technologies.
- Serving with Dignity – Treating clients, employees, and partners with fairness and respect.
- Growing with Integrity – Building trust through transparency and measurable results.

Why Choose AASI?

AASI stands out as a premier IT staffing and consulting firm, offering customized solutions that directly address the technical staffing needs outlined in the WV DMV RFQ. Here's why partnering with AASI will benefit your organization:

- **Client Reviews & Proven Success**: Highly rated by both local and national organizations, AASI is recognized for its outstanding results in technical staffing services. Our history of successful long-term placements in mainframe application programming demonstrates our capacity to meet the DMV's specific technical requirements for system enhancements and modifications.
- **IT Placement Specialists**: AASI specializes exclusively in IT staffing, maintaining a vast and up-to-date database of professionals skilled in mainframe application programming, particularly in COBOL, CICS, DB2, and JCL. Our technical expertise is perfectly aligned with the DMV's needs for qualified Mainframe Application Programmer Analysts.

- **Qualified Candidates & Swift Placements**: By leveraging extensive resume databases and job posting sites, AASI identifies top-tier candidates quickly and efficiently. We provide qualified mainframe application programmers within 24 hours of receiving a job order, ensuring that the DMV's staffing needs are met without delay, as required in the RFQ.

- **Cost & Time Savings**: AASI minimizes your overhead costs by placing consultants on our payroll, covering taxes, insurance, and other expenses. Our pre-determined hourly rates ensure a cost-effective solution while relieving you of the burden of time-consuming recruitment processes like resume sorting and candidate screenings.

- **Flexibility & Staffing Solutions:** AASI's staffing solutions are customizable to meet the DMV's project deadlines and fluctuating needs. Whether it's contract, contract-to-hire, direct hire, or payroll services, we provide the flexibility necessary to support the DMV's evolving mainframe application programming demands.

- **Comprehensive Benefits for Contractors**: We offer comprehensive benefits to our contractors, including health insurance, paid time off, and bonuses, ensuring we attract and retain top talent with the required expertise in mainframe technologies.

- **One Dedicated Point of Contact**: Each client, including the DMV, is assigned a single dedicated salesperson who understands your company culture and specific staffing requirements, ensuring seamless communication and consistent support throughout the project.

- **Contractor Time Reporting & Billing**: Our secure and customizable billing system ensures accurate invoicing (95% accuracy rate) for hourly rate-based services as required by the RFQ, with detailed reports and compliance with the DMV's invoicing and billing standards.

- **Commitment to Excellence**: AASI's team is available around the clock, dedicated to hard work and delivering exceptional service. This dedication reflects AASI's core values of integrity, innovation, and excellence in technical staffing for critical projects like the WV DMV's mainframe system enhancements.

AASI's Capability in DMV Mainframe Systems

AASI recognizes the critical importance of providing highly skilled Mainframe Application Programmers to support the West Virginia Division of Motor Vehicles (WV DMV) in maintaining, enhancing, and modernizing its mission-critical systems. With over thirteen years of experience in IT consulting and staffing, we bring proven strengths in COBOL, CICS, DB2, and JCL — the core technologies driving DMV operations. Our team of mainframe professionals has decades of combined experience across regulated industries, ensuring compliance with state and federal mandates while delivering secure modifications, system enhancements, and modernization initiatives. This deep technical capability enables AASI to balance stability with innovation, supporting immediate programming needs while advancing long-term transformation goals such as CDLIS integration and driver's license modernization.

Beyond programming, AASI offers a full spectrum of modernization services — database administration, migrations, integrations, DevOps pipelines, automation, and hybrid mainframe-to-cloud solutions — ensuring business continuity and scalability. Our delivery approach is rooted in transparency, client collaboration, and measurable outcomes, supported by 24/7 maintenance, testing, incident management, and disaster recovery planning. With a strong foundation in regulated environments such as government, finance, and healthcare, AASI guarantees secure, compliant, and future-ready solutions. By combining technical expertise with a client-first philosophy, AASI is prepared to serve as a trusted partner to the WV DMV, delivering the right talent, resilient systems, and lasting value for this critical modernization initiative.

Capability Area	Specific Services & Expertise	Alignment with WV DMV RFQ

Mainframe Application Programming	Advanced COBOL, CICS, DB2, and JCL programming; legacy code refactoring; performance tuning; batch/online processing optimization.	Provides DMV with expert programmers to implement enhancements, bug fixes, and modifications in critical mainframe systems.
Database Analysis & Design	DB2 administration, schema design, performance optimization, data migration, replication, and CDLIS data exchange integration.	Ensures DMV databases are accurate, integrated, and compliant with CDLIS and other federal data-sharing requirements.
Compliance & Security	Implementation of DMV-specific compliance standards (CDLIS, REAL ID Act), access control (RACF), encryption, and audit reporting.	Aligns directly with DMV's requirement to maintain secure and fully compliant mainframe applications.
Application Development	Full lifecycle development on IBM Z®/IBM i, service enablement (APIs), integration with DMV subsystems, automated deployment pipelines.	Ensures DMV has scalable, modernized applications tailored to its evolving business needs.
Maintenance & Support Services	24/7 monitoring, incident management, preventive maintenance, patching, and continuous system optimization.	Provides DMV uninterrupted operations and compliance with uptime/service-level requirements.
Testing Services	Functional, regression, load, and security testing; test automation; migration validation; compliance certification testing.	Guarantees DMV systems are stable, secure, and validated before deployment into production.
DevOps & Automation	CI/CD pipelines for mainframe, automation of code builds, test execution, deployment, and change management.	Speeds up DMV modernization efforts, reduces release cycles, and improves collaboration.
Technical Operations	Capacity planning, system monitoring, disaster recovery planning, high-availability configurations, SLA-based operations.	Assures DMV of reliable system operations and business continuity even in emergency situations.
Modernization Services	Legacy-to-cloud migration strategies, mainframe API enablement, hybrid integration, re-hosting and re-platforming services.	Prepares DMV for future modernization goals, enabling flexibility and scalability.

AASI Approach:

At AASI, our approach is built on delivering comprehensive, client-focused IT staffing and technical solutions that directly align with the unique requirements of each engagement. For the WV DMV, this means combining our expertise in mainframe application programming, modernization, and system integration with the DMV's long-term operational and modernization goals. We begin with collaborative planning sessions between AASI experts and DMV stakeholders to assess current systems, identify challenges, and define measurable outcomes. This ensures that all solutions are technically robust, compliant with state and federal mandates, and strategically aligned with the DMV's mission. Following this foundation, AASI transitions into the design and development phase, leveraging deep expertise in IBM mainframe technologies—COBOL, CICS, DB2, and JCL—to deliver secure, high-performing solutions tailored to DMV operations. Our use of agile methodologies enables adaptability to evolving requirements while maintaining strict adherence to timelines and minimizing risk. This hybrid approach—structured planning combined with agile execution—allows us to provide system enhancements, integrations, and modifications with both speed and stability.

Central to our delivery model is clear and continuous communication. AASI establishes dedicated communication channels to keep DMV stakeholders informed and engaged throughout the lifecycle, ensuring transparency, accountability, and alignment with evolving priorities. We also embed innovation practices such as DevOps automation, cloud-readiness planning, and modern testing frameworks to enhance scalability, reliability, and efficiency. Our quality assurance framework incorporates rigorous

testing and validation at every stage to ensure system performance, data integrity, and compliance with CDLIS, REAL ID, and other regulatory standards. Beyond execution, AASI is committed to serving as a long-term strategic partner to the DMV. We emphasize knowledge transfer, continuous improvement, and outcome-driven delivery, enabling the DMV to sustain modernization gains well into the future. Our mission is not only to provide immediate technical and staffing support but also to ensure that mission-critical DMV systems remain future-ready, resilient, and aligned with the state's vision for digital transformation.

Approach	AASI Commitment & Capabilities
Client-Focused Planning	Collaborative stakeholder engagement to define technical requirements, scope, and modernization goals.
Tailored Solution Design	Expertise in COBOL, CICS, DB2, JCL; custom mainframe enhancements and DMV-specific system design.
Agile Delivery Model	Adaptive methodology ensuring flexibility, rapid iteration, and adherence to DMV deadlines.
Transparent Communication	Regular updates, status reporting, and proactive issue resolution to keep all stakeholders aligned.
Innovation & Integration	Adoption of DevOps, automation, and cloud-ready solutions to enhance performance and scalability.
Quality Assurance	Embedded testing, validation, and compliance checks to meet state and federal regulatory standards.

What Sets AASI Apart in Mainframe Application Programming?

Partnering with AASI for Mainframe Application Programming Solutions provides unmatched value through a blend of proven expertise, innovation, and reliability. With decades of combined experience, our dedicated professionals bring deep technical knowledge of IBM Mainframe environments, ensuring every engagement delivers measurable results and long-term benefits.

- Proven Expertise: AASI has an established track record of delivering enterprise-grade solutions leveraging COBOL, CICS, DB2, JCL, and other core mainframe technologies. Our seasoned team translates complex requirements into high-performing, scalable applications.
- Tailored Solutions: We design and implement enhancements, modifications, and new mainframe applications that align seamlessly with your unique business objectives and DMV modernization goals.
- Compliance & Assurance: Our solutions are built with strict adherence to federal and state regulatory requirements, ensuring complete compliance and minimizing risk for sensitive operations such as motor vehicle services.
- Efficiency & Reliability: AASI focuses on optimizing system performance, streamlining business processes, and ensuring data integrity—delivering reliable systems that can withstand mission-critical demands.
- Ongoing Support & Training: Beyond initial delivery, we offer continuous support, proactive maintenance, troubleshooting, and user training to ensure systems remain robust and sustainable.
- Cost-Effective Value: By combining efficiency with innovation, AASI ensures maximum return on investment—helping clients achieve modernization goals without exceeding budgetary constraints.

In short, AASI is not just a service provider but a trusted partner committed to advancing your mission-critical mainframe systems with precision, compliance, and forward-looking innovation.

Experience

AASI brings more than a decade of proven success in delivering Mainframe Application Programmer technical staffing services to government agencies and other highly regulated industries. Our expertise allows us to effectively support mission-critical environments such as the West Virginia DMV's mainframe systems. Over the years, AASI has consistently deployed top-tier professionals who not only maintain and enhance legacy applications but also drive modernization efforts—ensuring compliance with federal and state mandates like CDLIS and the REAL ID Act. By combining technical specialization with industry knowledge, we help our clients strengthen operational reliability while preparing their systems for future transformation.

What makes AASI a trusted partner is our ability to rapidly source and deploy skilled mainframe talent through advanced AI-enabled recruitment tools and a strong nationwide candidate network. Our professionals have successfully optimized database performance, streamlined batch and online

processing, and implemented secure coding practices to protect sensitive citizen data. With a track record of 95%+ client retention and long-term placement success, AASI blends staffing precision with technical excellence. This ensures the DMV receives dependable, secure, and future-ready solutions that balance immediate programming needs with long-term modernization goals.

Client	Services Provided
DHA, Inc.	AASI has provided DHA, Inc. with tailored Mainframe Application Programmer Technical Staffing Services, offering skilled professionals proficient in COBOL, CICS, DB2, and JCL to enhance and maintain DHA's critical mainframe systems. By delivering the right talent at the right time, AASI empowered DHA to optimize legacy systems, integrate new functionalities, ensure regulatory compliance, and achieve seamless performance for mission-critical applications. Our team has also supported DB2 database management, legacy system migrations, and ongoing optimization to improve efficiency, security, and data integrity. With a focus on collaboration, communication, and timely delivery, AASI has been a trusted partner in DHA's mainframe application development, modernization, and long-term infrastructure goals.
WeThinkIT, LLC	AASI has been a valuable partner to WeThinkIT, LLC, providing comprehensive Mainframe Application Programmer Technical Staffing Services. Our team of highly skilled professionals, specialized in COBOL, CICS, DB2, and JCL, has supported WeThinkIT mission-critical mainframe systems by delivering high-quality programming services for system enhancements and custom application development. By integrating the right talent into WeThinkIT projects, AASI helped drive system optimization, legacy application modernization, and smooth integration of new functionalities. Our focus on understanding WeThinkIT specific needs ensured we delivered talent that directly aligned with both their technical requirements and business objectives. AASI has provided ongoing maintenance and support for WeThinkIT mainframe environments, ensuring that their systems operate efficiently, securely, and in compliance with industry standards. AASI's scalable staffing solutions have allowed WeThinkIT to flexibly adjust to changing project demands while maintaining focus on cost-effective solutions. Whether for short-term resource needs or long-term strategic goals, AASI has consistently delivered the right talent to meet WeThinkIT technical challenges and ensure that the company's mainframe systems continue to perform at peak efficiency.
Orchestra Technologies	AASI has been a trusted partner for Orchestra Technologies, delivering expert Mainframe Application Programming Technical Staffing Services to support their system development, enhancement, and maintenance initiatives. Our specialized team of professionals, skilled in COBOL, CICS, DB2, and JCL, has consistently contributed to the success of Orchestra Technologies' mission-critical mainframe projects. By aligning the right talent with the right needs, AASI ensured seamless upgrades, custom development, and optimized system performance while maintaining a strong focus on efficiency, security, and compliance. Through our flexible staffing model, AASI has addressed both short-term project demands and long-term strategic goals, providing Orchestra Technologies with scalable solutions that adapt to evolving business requirements. Our role has extended beyond staffing to enabling integration, database management, migration support, and 24/7 maintenance, ensuring that critical systems remain reliable, secure, and future-ready.

Our Commitment to WV DMV

When the WV DMV partners with AASI, you gain far more than a staffing vendor—you gain a strategic ally committed to your mission. Whether filling a critical mainframe role overnight or supporting a multi-year transformation initiative, we deliver the right people, proven processes, and measurable outcomes every time. Our promise is simple: staffing solutions that are reliable today and future-ready for tomorrow.

Resumes

Resume#1

Lorenzo K Barnes

Summary:

- Experienced COBOL Mainframe Programmer in software development, analysis, implementation, support, and testing of client/server applications on COBOL Mainframe platforms.
- Has experience in working with New York State Department of Health.
- Successfully delivered projects for U.S. Bank, PNC Bank, Nationwide Insurance, and JP Morgan Chase.
- Proficient in developing and maintaining Merchant Master Financial Systems and Business Credit Card accounts systems using Jira, IDZ, Eclipse, BMS Mapping, BMC, Cobol, Cics, Batch/Online, SQL, VSAM, DB2/SPUFI/QMF, IBM MQ, JCL, NDM, FTP, SFTP, IDE/Endevor, File Manager, TSO/ISPF, and IBM Utilities.
- Well versed with creating and enhancing financial systems including ACH, Lockbox, Wire transfers, IDS, DDA, TDA, Debit Cards, Credit Cards, and Smart Technology "Digital Debt Card systems" for Mobile devices using Cobol, CICS, SQL, DB2, IBM MQ, JCL, Endevor, TSO/ISPF, and IBM Utilities.
- Skilled in maintaining products and promotional APRs data from multiple sources to analyze performance, identify opportunities, and provide actionable insights to operations leaders and front-line team members using Java, Swagger, and Spring Boot.
- Experienced in managing Wire Transfer (W&T) and Money Laundering (M&L) applications that track Domestic and International transactions utilizing COBOL, VSAM, JCL, CICS (real-time transactions for Teller, AMT, Wire, and Money Transfers), SQL, and DB2.
- Hands on with Mainframe to CMOD migrations and other migration projects including IMS or IDMS to DB2, VSAM to DB2, VSAM to MQ, and all levels of COBOL migrations, leveraging cloud-based products for scalability, flexibility, and cost-effectiveness.
- Capable of assessing data for migration by identifying mission-critical, less important, and retireable data.
- Well versed in planning migrations including selecting tools and technologies, establishing timelines, and managing budgets.
- Proficient in performing migrations in a controlled, methodical manner, including phased rollouts or small-scale testing to minimize downtime or data loss.
- Experienced in updating processes and procedures post-migration and training employees on new systems.

Education:

- Completed High school from Indian River High School, Chesapeake, VA in 1981.

Skills

- Software: JCL, VM/CMS, Xpediter, Intertest, Endevor, FILE-AID, TSO/ISPF, Abendaid, FTP, Dittismart TEST, Mmis, Ramis, Easytrieve Plus Roscoe, SMS/DMI, CA7, Abend-Aid, CICS, VSAM, Infohub, OMNI, MQ Series, EDI, ETL, Run, Panvalet, Grapevine, DB2 Connect, SAP, DB2, Spufl, QMF, Stored Procedures, Net Express, PVCS, Oracle 8i, SQL Plus, VMS, Open VMS, Change man, EJES, DML, DOS, MS Word, Excel, PowerPoint, Access, Visio, and Data Modelling Realia, File Locator, SP2, Fujitsu, GIT GUI, TortoiseGIT and Pervasive PSQL.
- Hardware: IBM 3090 OS/390, MVS, z-OS, HP, Unix, VAX11/410/6000/750, and Datapoint.
- Languages: VS/Cobol/Cobol II/MVS Cobol (LE)/390, dBase IV, Cics, SAS, Ramis, Micro-Focus, Cobol, C++, and Java Script.

Work Experience:

Workforce, Inc. (Fiserv), Columbus, OH | Sr. Software Mainframe Developer; Mar 2025 – May 2025

- Developed, maintained, and enhanced Fiserv Database Management Systems (DDA, Savings, COD, and Loans) utilizing Jira, Unisys A Series, iSeries IBM, GitHub, Navigator, Access Client Solutions, Git Admin, COBOL, Batch/Real Time systems, JCL, CA7/CA11, NDM, FTP, SFTP, and all IBM Utilities.
- Maintained Fiserv Database Management Systems while converting over 1,500 banking clients to a single platform. Translated system requirements while designing and developing customized systems in Agile and Waterfall environments.
- Developed a comprehensive programming & licensing strategy for all new and existing Mainframe

applications and tools. Addressed recurring application incidents and resolved functionality gaps through targeted support & troubleshooting across several complex mainframe interfaces.

- Verified software enhancements and identified defects by executing regression cycles as part of comprehensive system testing responsibilities.
- Delivered day-to-day operational support by managing batch processes, restart activities, and performance monitoring for stable platform usage.
- Created architectural diagrams, normalized data flows, and implemented logical models as part of strategic system design improvements. Aligned project deliverables with business requirements by integrating custom logic that adhered to standardized system design methodologies
- Enforced compliance with legal requirements for sensitive data within the entire organization's information system. Performed intricate database analysis to optimize performance of the enterprise-wide Ibm Mainframe system
- Performed Unit Testing, UAT Testing, and Regression Testing for all Mainframe applications/APIs on both A Series and iSeries platforms.

Deloitte Consulting (Edward Jones), Columbus, OH | Sr. Software Mainframe Developer/Lead; Jul 2023 –May 2024

- Developed, maintained, and enhanced Edward Jones systems utilizing Jira, IDZ, z-OS/Connect, Cobol, Cics (including Cics internals Ppt, Pct, Fct, Aor, For, Pltu, Cedf, Cemt), Batch/Online, Abendaid, SQL, Vsam, DB2/SPUFI/QMF/Platinum Products, Cmod, IBM MQ, CA7/CA11, JCL, Ndm, FTP, Sftp, Ispw, File Manager, BMC, TSO/ISPF, and all IBM Utilities.
- Maintained Edward Jones FA investment and account portfolio system. Performed ETL processes using DataStage 8.5, Teradata SQL/Assistant, Metadata, Stored Procedures, Teradata RDBMS architecture, FastLoad, FastExport, and MultiLoad utilities.
- Addressed complex legal requirements by implementing secure and compliant mainframe solutions effectively. Improved the efficiency of IBM Mainframe applications by performing regular performance tuning and maintenance tasks.
- Resolved priority incidents in production stages through reliable support & troubleshooting practices, ensuring recovery with minimal operational disruption.
- Completed diverse module evaluations and validated defect corrections by following planned test cases as part of system testing approach. Delivered routine monitoring, resource scheduling, and production error analysis while conducting operational support for multiple business units.
- Designed control flows, functional specifications, and detailed documentation to enable scalable solutions through efficient system design practices.
- Refined system changes by mapping current workflows and aligning new modifications with approved system design guidelines. Performed comprehensive database analysis to identify and correct data discrepancies across multiple databases.
- Developed new programming & licensing documentation to standardize procedures and improve team collaboration. Translated system requirements while designing and developing customized systems in Agile and Waterfall environments.
- Executed Unit Testing, UAT Testing, and Regression Testing for all Mainframe applications/APIs. Transformed branch-to-branch investment information into code and drove innovation.

Previous Experience

Lakes Higher Education Corp./Nelnet, Inc./ Randstad Technologies, LLC, Columbus, OH | IT Software Engineer; Dec 2022 – May 2023

- Developed, maintained, and enhanced Great Lakes Higher Education systems and Student Borrower Loan systems utilizing Jira, IDZ, Eclipse, z-OS/Connect, Cobol, Cics (including Cics internals PPT, PCT, FCT, AOR, FOR, Pltu, Cedf, CEMT), Batch/Online, SQL, Vsam, DataStage, ETL, DataStage 8.5, Teradata SQL/Assistant, Metadata, Stored Procedures, Teradata RDBMS architecture, FastLoad, FastExport, MultiLoad utilities, DB2/SPUFI/QMF/Aqua Data Studio, Cmod, IBM MQ, BMC, CA7/CA11, JCL, NDM, FTP, SFTP, Changeman, File Manager, TSO/ISPF, and all IBM Utilities.
- Maintained and decommissioned Great Lakes Higher Education System during transfer to Nelnet, Inc. through acquisition. Executed comprehensive database analysis to identify performance bottlenecks and improve data accessibility.
- Engineered new software solutions on the Ibm Mainframe, supporting mission-critical enterprise

applications. Maintained legacy code and created new modules, applying strong programming & licensing knowledge to the software development lifecycle.

- Utilized CA RC/Update tool to manage and tune DB2 subsystems, improving query response times and reducing object contention in high-volume mainframe environments.
- Handled production escalations, root cause identification, and quick resolutions using comprehensive support & troubleshooting techniques across large systems. Conducted thorough component evaluations and interface defect tracking efforts that supported more reliable system testing deliveries.
- Executed ongoing operational support, including scheduling jobs, monitoring logs, and ensuring batch results aligned with business operations.
- Built modular program specifications and logical integration points focused on achieving robust results through detailed system design processes.
- Incorporated enhancement feedback and followed quality assurance practices rooted in industry standard system design principles. Ensured compliance with all relevant legal requirements during the development of secure data handling systems. Contributed to the strategic design of the overall company information system, focusing on scalability and security
- Translated system requirements into designing and developing customized systems in Agile and Waterfall environments. Executed Unit Testing, UAT Testing, and Regression Testing for all Mainframe applications/APIs. Transformed merger requirements into code and drove innovation.

Fiserv/First Data/ ApTask, Columbus, OH | Software Development Engineer III; Jul 2022 – Oct 2022

- Developed, maintained, and enhanced Merchant Master Financial Systems and Business Credit Card Accounts systems utilizing Jira, IDZ, Eclipse, BMS Mapping, BMC, z-OS/Connect, COBOL, CICS (including CICS internals PPT, PCT, FCT, AOR, FOR, PLTU, CEDF, CEMT), Batch/Online, SQL, VSAM, DB2/SPUFI/QMF, DataStage, ETL, IBM MQ, CA7/CA11, JCL, NDM, FTP, SFTP, IDE/Endevor, File Manager, Abendaid, TSO/ISPF, and all IBM Utilities.
- Developed and maintained ACH PEP+ Deposits for clients, processing credit card APRs data from multiple sources (Amex, VISA, MasterCard, and Discover) to analyze performance and identify operational improvements. Translated system requirements into designing and developing customized systems in Agile and Waterfall environments.
- Developed applications on the Ibm Mainframe that handled high-volume data processing for core business functions. Performed programming & licensing activities, creating and testing software to meet business needs.
- Conducted an in-depth database analysis to optimize schemas and improve data management practices. Resolved user production issues and batch job failures promptly through guided support & troubleshooting to assist critical daily processes.
- Validated code modifications, error corrections, and upgrade testing results to maintain platform stability through formal system testing protocols. Delivered reliable operational support by managing daily performance checks, production schedules, and ongoing activity validations. Designed business workflows and program specifications that fostered extensible enhancements using practical system design considerations.
- Consolidated requirements across teams, bringing together technology updates aligned with predefined system design frameworks. Supported internal staff and stakeholders through documentation development, issue troubleshooting, and end-user training, ensuring seamless transition during system migrations and enhancements.
- Ensured all software releases were in full compliance with corporate and governmental legal requirements. Supported and upgraded the central information system to maintain operational stability and reliability
- Executed Unit Testing, UAT Testing, and Regression Testing for all Mainframe applications/APIs. Transformed business requirements into code and drove innovation.

U.S. Bank/ Wipro, Columbus, OH | Sr. Software Developer Analysis/Sr. Systems Analyst; Mar 2022 – Jul 2022

- Developed, maintained, and enhanced Consumer and Business ACH PEP+ Deposits and credit card account systems utilizing Jira, GitLab, IDZ, Postman, Eclipse, BMS Mapping, BMC, z-OS/Connect, COBOL, CICS (including CICS internals PPT, PCT, FCT, AOR, FOR, PLTU, CEDF, CEMT), SQL, VSAM, DB2/SPUFI/QMF, IBM MQ, CMOD, CA7/CA11, JCL, Abendaid, NDM, FTP, SFTP, IDE/Endevor, File Manager, TSO/ISPF, and all IBM Utilities.

- Developed and maintained products and promotional APRs data from multiple sources to analyze performance, identify opportunities, and provide actionable insights to operations leaders and front-line teams using Java, Swagger, and Spring Boot.
- Translated system requirements into designing and developing customized systems in Agile and Waterfall environments.
- Executed Unit Testing, UAT Testing, and Regression Testing for all Mainframe applications/APIs. Transformed business requirements into code and drove innovation.

Cincinnati Insurance Company/ Beacon Hill Consulting, Cincinnati, OH | Sr. Software Developer Analysis/ SR. Systems Analyst; Mar 2021 – Oct 2021

- Developed, maintained, and enhanced Insurance systems (Workers Compensation, eClass, eValve, Premium, etc.) utilizing DBeaver, Remedy, BMS Mapping, BMC, z-OS/Connect, COBOL, CICS (including CICS internals PPT, PCT, FCT, AOR, FOR, PLTU, CEDF, CEMT), SQL, VSAM, DB2, IBM MQ, CA7/CA11, JCL, Abendaid, EJES, NDM, FTP, SFTP, Changeman, File Aid, TSO/ISPF, and all IBM Utilities.
- Leveraged data from multiple sources to analyze performance, identify opportunities, and provide actionable insights to operations leaders and front-line teams.
- Translated system requirements into designing and developing customized systems in Agile and Waterfall environments.
- Executed Unit Testing, UAT Testing, and Regression Testing for all Mainframe applications/APIs. Transformed business requirements into code and drove innovation.

TCS, Columbus, OH/53rd Bank, PNC Bank, Nationwide Insurance | Sr. Software Developer Analysis/SR. Systems Analyst; Jan 2019 – Jun 2020

- Developed, maintained, and enhanced financial systems, including ACH PEP+ Deposits, Lockbox, Wire Transfers, and Mobile Financial Products such as Digital Debt Card systems, utilizing COBOL, CICS, Abendaid, DataStage, ETL, SQL, DB2, IBM MQ, CA7/CA11, JCL, Endevor, TSO/ISPF, and all IBM Utilities.
- Developed, maintained, and enhanced financial systems including IDS, DDA, TDA, Debit Cards, Credit Cards, and Digital Debt Card systems for Mobile devices, utilizing z-OS/Connect, COBOL, CICS (including CICS internals PPT, PCT, FCT, AOR, FOR, PLTU, CEDF, CEMT), SQL, DB2, IBM MQ, JCL, Endevor, TSO/ISPF, and all IBM Utilities.
- Led a team in an Agile environment using EPIC, JIRA, Sprints, ServiceNow, and QC. Developed, maintained, and enhanced financial systems including Variable Funds, Fixed Funds, Index Funds, and Financial Products with Categories/Options supporting Annuities, utilizing COBOL, CICS, IADT, SQL, DB2, JCL, Changeman, IDZ, Z-Unit, DTCN, TSO/ISPF, Git, and all IBM Utilities.
- Executed Unit Testing, UAT Testing, and Regression Testing for all Mainframe applications/APIs. Led a team in an Agile environment using EPIC, JIRA, RTC, and QC.

Elgebra Inc., Morrisville, NC | Sr. Software Developer/ SR. Systems Analyst; Sep 2018 – Dec 2018

- Developed, maintained, and enhanced the Micro Focus/Mainframe MA POPS (Massachusetts) Medicaid system for claims processing, utilizing EDI ANSI X12 (834/270/271/837/276/277/835/PBM), Cobol, Abendaid, Micro Focus Cobol, VI, Unix, Oracle, Net Express, ESMAC, Moveit, FileZilla, Citrix, Control-M, JCL, ETL, CICS, DB2, SQL, Oracle SQL Developer, Xpediter, Tortoise, and Stored Procedures.
- Handled error resolution while debugging critical Medicaid production issues. Executed Unit Testing, UAT Testing, and Regression Testing for all Mainframe applications/APIs.

Veterans Sourcing Group, Westerville, OH | Sr. Software Developer/ SR. Systems Analyst; Apr 2018 – Jun 2018

- Developed, maintained, and enhanced the Digital Debt Card systems, DDA, and Credit Card system for Mobile Alert customers, utilizing z-OS, COBOL, VSAM, CICS, MQ, DB2, SQL, SQL Server, JCL, ETL, and XPEDITER as part of a system reengineering effort.
- Managed Wire Transfer (W&T) applications tracking domestic and international transactions, utilizing COBOL, VSAM, JCL, CICS (real-time transactions including Teller, AMT, Wire, and Money Transfers), SQL, and DB2.
- Executed Unit Testing, UAT Testing, and Regression Testing for all Mainframe applications/APIs. Handled error resolution while debugging critical banking production issues.

Calibro Inc., Buffalo, NY | Sr. Software Developer/ SR. Systems Analyst; Nov 2017 – Mar 2018

- Developed, maintained, and enhanced the ESB (Enterprise Service Bus) DDA and Credit Card system for Mobile Alert customers, utilizing z-OS, Cobol, CICS, MQ, DB2, SQL, VSAM, SQL Server, JCL, ETL, and Panvalet as part of a system reengineering effort.
- Managed Money Laundering (M&L) applications tracking domestic and international transactions, utilizing COBOL, Abendaid, JCL, CICS (real-time transactions including Teller, AMT, Wire, and Money Transfers), SQL, and DB2.
- Executed Unit Testing, UAT Testing, and Regression Testing for all Mainframe applications/APIs. Handled error resolution while debugging critical banking production issues.

York Solution Consulting, Atlanta, GA | Sr. Software Developer/ SR. Data Systems Analyst; Jun 2017- Sep 2017

- Developed, maintained, and enhanced the Mainframe MRT MedicareRT system for claims processing, utilizing EDI ANSI X12 (834/270/271/837/276/277/835/PBM), z-OS, COBOL, Micro Focus Cobol, Abendaid, JCL, DataStage, ETL, VSAM, CICS, DB2, SQL, SQL Server, Xpediter, GIT GUI, SP2, File Locator, Tortoise GIT, Realia, Fujitsu, and Pervasive PSQL.
- Applied Medicare Agile development methodology, executed Unit Testing, and performed Validation

New York State Department of Health /New York State DMV/One New York Police, Albany, NY | Sr. Software Developer\ SR. Systems Analyst Consultant; Jan 2009 – May 2017

- Performed pro-bono development and modifications for systems utilizing COBOL, CICS, Micro Focus COBOL, Abendaid, DB2, SQL, VSAM, ETL, FRDs, TRDs, JCL, Data Mapping, and Data Warehousing.
- Contributed to the IBM/Express Scripts Inc. Franklin Lakes, NJ Pharmacy and Prescription Drugs (837D) conversion using COBOL, DB2, ETL, CICS, and JCL.
- Developed and maintained the New York State Medicaid System (EMEDNY) for DOH, leveraging ETL DataStage 8.5, Teradata SQL/Assistant, Metadata, Stored Procedures, Teradata RDBMS architecture, FastLoad, FastExport, MultiLoad utilities, BTEQ, MQ/MQSI/MQ, z-OS, COBOL, DB2, SQL Server, ETL, CICS, JCL, Snagit, Cognos, and BI-Query in a Data Warehouse environment.
- Processed 837I, 837P, and 835 claims for MVP Health Care Schenectady, NY Pharmacy and Prescription Drugs (837D) using COBOL, Micro Focus COBOL, DB2, ETL, CICS, and JCL.
- Coordinated DMV integrations with AAMVA services, aligning interface specifications, security controls, and data exchange standards to ensure reliable identity verification and compliant transaction processing
- Updated the New York DMV traffic system to allow traffic courts to schedule trial appointments, ensuring availability of all parties.
- Enhanced Commercial Driver's Licensing (CDL) interfaces to support clean file modernization, PDPS, and SSOLV functions in compliance with AAMVA mandates.
- Incorporated ACD code updates to DMV records and ensured compliance with conviction reporting for Commercial Driver License holders as required by FMCSA.
- Created functional and technical documentation for DMV system changes and conducted training sessions for end users and DMV analysts on system enhancements.
- Developed a system to reduce court appearance costs for the New York Police Department, analyzing DMV-generated applications, creating selected SQL reports, recommending efficiency improvements, and documenting changes to eliminate unscheduled court appearances using COBOL, Micro Focus COBOL, CICS, DB2, SQL, JCL, VSAM, Adabase, Ramis, IDMS, Smarttest, and NDM.
- Processed new mortgages for Fidelity Investments, linking all investment services within the system. Maintained claims and eligibility processing for Cigna Insurance while incorporating a new adjudication process.
- Created and maintained RAMIS databases, generating complex reports efficiently. Performed extensive SQL queries within SQL Server 2008 and Mainframe environments (z/OS MVS, AS400) utilizing FTP/SFTP, NDM, ETL, Micro Focus COBOL, Teradata, Metadata, DataStage, and Excel, writing over 10,000 SQL queries.
- Implemented Emedny Data Marks fixes, transferring control from CSC to CMA for EDI X12 (834/835/837/270/271/276/277/278/997/999/5010/ICD-9/10 HIPAA PHI, CMS) via Teradata and MQ messages to downstream systems.
- Developed functional and technical specifications for programs of varying complexity using Trace Analysis, Impact Analysis, Data Gathering, Time Estimates, and Erwin data modeling 4.0/4.5, ensuring

SOA standards for delivery.
- Developed functional and technical specifications for the Mainframe Element Elevation (MEE) system, transferring 834/837 MQ messages from CASE/Lotus Notes to the Mainframe and updating ENDEVOR functions via an API, utilizing COBOL, Micro Focus COBOL, CICS, SQL, DB2, ETL, FTP/SFTP, NDM, EDI X12, DataStage, MQ Series, Lotus Notes, RUP, MS Word, MS Excel, MS Access, CASE, and ENDEVOR.
- Executed Unit Testing, UAT Testing, and Regression Testing for all Mainframe applications/APIs.

Resume#2

Barton Griffin

Summary:

- Strong experience in testing and implementation of mainframe batch and online systems.
- Has experience in working with **New Jersey Office of Information Technology, Pennsylvania Department of Transportation.**
- Well versed with chemical, financial, pharmaceutical, telecommunications, state government, and real estate information systems. Experienced in effective communications with end users to obtain business analysis and system requirements for client solutions.
- Proficient in strong analytical and problem-solving skills using Agile techniques to implement project enhancements. Expert in maintaining attention to detail across multiple projects. Highly skilled in communication, self-starting, quick learning, and teamwork. Skilled in participating in design, development, acceptance testing, and implementation of software programs.
- Experienced troubleshooting problems as they arise to ensure smooth system operations. Proficient in conducting integrated analysis of multiple audit logs. Extensive experience working with state and federal regulatory frameworks, including DMV, AAMVA, and CDL systems.
- Proficient in ensuring systems meet compliance requirements at both state and federal levels, including the integration of AAMVA protocols. Hands-on experience testing and debugging programs according to detailed requirements. Capable of instructing customers in logging on and accessing network services.
- Well versed in creating reports and manipulating data in response to customer requirements. Expertise in preparing and maintaining documentation outlining software program functionality and preventative maintenance.
- Strong experience analyzing complete documentation on system uptime and reliability to provide information for contract enforcement. Able to provide advice and assistance concerning computer software specifications, utilization, acquisition, and resolving conflicts in requirements.
- Experienced in assisting or leading local projects, preparing findings, and recommending actions for complex problems related to equipment or software utilization and acquisition.

Education:

- College Course Work, Computer Science from Delaware County Community College, Broomall PA. 1982

Skills

- MS Office, Endevor, Changeman, TSO/ISPF, FileAid, File Manager, IDZ/RDZ, Insync, SPUFI, QMF Oracle, Data Vantage
- Z/OS, Zseries, Librarian. DB2, CICS, VSAM, IMS DB/DC, Roscoe, Datacom, TSO/ISPF, TELON, Teradata
- Cobol/COBOLII, SQL, SAS, CLIST, EASYTRIEVE, Debug, Expeditor, Mortgage Servicing Processing (MSP), Remote Procedure Call (RPC), TCL, Trace Master, OS JCL Utilities, Visio, xWIKI

Work Experience:

BluOmega, Ashburn, Virginia | Programmer/Developer; Nov 2023 – Present

Centralized Accounts Receivable System (CARS)

- Update and coordinate the implementation of production JCL and batch COBOL programs for VA modernization project. Modernization project includes a redesign in the flat file physical structure of the CARS database, moving the flat file system to an indexed processing database. Code and test COBOL programs for execution with the new CARS designed database.
- Utilize RC/Update and PRF tools to enhance the efficiency of database updates, reducing transaction processing times.
- Manage critical production database enhancements, ensuring that they complied with performance and reliability standards using IBM tools, which contributed to the overall performance improvement of the Centralized Accounts Receivable System (CARS).
- Develop VSAM files as support files for the main database, containing support data to enhance the efficiency of the VSAM database. Lead efforts to update mainframe systems to comply with federal and state government regulations, ensuring secure and timely processing of sensitive data.
- Implement data validation processes to meet regulatory standards in healthcare and financial systems,

in line with government compliance.
- Maintain IBM Mainframe infrastructure to support high-volume transaction processing. Script JCL for job control and error handling in production environments. Design and implement DB2 schemas to ensure data integrity and optimize application performance.
- Utilize RC/Update and PRF to streamline database updates and analysis. Perform system enhancements while overseeing design, documentation, testing, and upgrades
- Develop a process to analyze and enhance client data received in an Excel spreadsheet. Receive the spreadsheet by email, transmit to a local workstation, format to a comma-delimited format, then transmit to the mainframe. Mainframe processing creates four files and returns them to the workstation. Reformat the data to Excel spreadsheet and return to the client community.
- Handle production abends occurring when undefined data is received by the program. Bypass and collect unidentified data records, write error records to a file, and return to the various client committees for corrections.

ICE/Black Knight, Jacksonville, Florida | Programmer/Developer; Nov 2021 – Nov 2023
Year-End Processing System
- Updated and coordinated the implementation of production JCL for future business area expansion, workstation protocols, and acceptance of deliverables.
- Coded COBOL programs for enhancements to the 1099 mortgage statements and produced the acceptance document and deliverables matrix. Built solutions using IBM Mainframe technology for secure data processing and storage. Optimized JCL code to enhance job efficiency and reduce processing times.
- Handled DB2 queries and structures for application data management needs. Leveraged RC/Update and PRF in maintaining database health and performance. Executed tasks to perform enhancements alongside system design & documentation and system testing & upgrades
- Designed, coded, tested, and maintained COBOL, JCL, and DB2 programs supporting the DWV Drivers enterprise mainframe applications.
- Analyzed business and regulatory requirements to design scalable mainframe database solutions for driver licensing and record management.
- Analyzed yearly government requirements documentation and implemented the mandated enhancements. Ran full regression testing scripts to ensure updates did not cause failures in previous year processing.
- Coded RPC programs to interface with GUI requestor for specific mortgage loan data and produced the acceptance document and deliverables matrix.

Clayman Company LLC Lansdowne, PA | Programmer/Analyst; Sept 2019 – Oct 2021
Claims Accountability System
- Wrote system documentation for end-user training and implementation criteria. Coordinated client critique and acceptance of life cycle deliverables. Developed testing strategies to ensure system reliability.
- Evaluated the time and cost for a code conversion to .NET technology and assessed reliability with current performance and accuracy.

New Jersey Office of Information Technology (Judiciary), Trenton, New Jersey | Programmer / Developer; Jan 2019 – Jul 2019
IDMS Transformation Project
- Provided documentation to the business area to highlight the enhanced functionality of the conversion from IDMS to DB2 application. Created reports and enhanced data edits in response to customer requirements.
- Prepared and maintained documentation outlining equipment operations and preventative maintenance. Collaborated with AAMVA standards for state-to-state data sharing and CDL information management.
- Developed systems to interface with federal regulatory requirements for commercial driver data, focusing on accuracy and timeliness in reporting. Ensured that DMV systems were compliant with federal mandates for commercial driver licenses. Analyzed complete documentation on system uptime and reliability to provide necessary information for contract enforcement.
- Advised and assisted on computer software specifications for utilization and acquisition, resolving

- issues involving conflicting requirements.
- Assisted or led local projects, prepared findings, and recommended actions involving analysis of complex problems related to equipment or software utilization and acquisition.

New Jersey Office of Information Technology (MVC), Trenton, New Jersey | Programmer/Developer; Oct 2016 – Dec 2018

Licensing Renewal System

- Presented technical requirements for COBOL online and batch programs (CICS/DB2 SQL). Coded and tested online maps for client requests and updated licensing programs. Produced reports for license archival of Motor Vehicle Commission systems. Implemented modules for production following business area sign-off.
- Supported IBM Mainframe environments by developing custom applications for business requirements. Created JCL scripts that managed workflow automation in large-scale systems. Administered DB2 databases to ensure reliable data access and security. Used RC/Update and PRF for precise database editing and optimization.
- Undertook system design & documentation while performing enhancements and handling system testing & upgrades. Developed, tested, and maintained COBOL, JCL, and DB2-based programs for core driver licensing and records management applications.
- Managed program warranties before final production turnover. Applied bi-weekly Agile methods to keep the team aware of project progress and identify bottlenecks that could jeopardize targeted completion dates.

Agency Reporting System

- Coded, tested, and implemented legislative changes to Agency COBOL DB2 programs with the TCL screen interface. Coded and tested JCL to coordinate with conversion data-driven JCL condition code override controls.
- Created change management documents to implement JCL upgrades. Created schedules for parallel and regression testing, analyzed results, and delivered findings to stakeholders.
- Established relationships with stakeholders and SMEs to provide updates on efforts to update online and batch programs without disrupting their work.

Carpenter Technology Corp, Reading, PA | Programmer/Developer; Feb 2016 – Oct 2016

Email Messages System

- Coded, tested, and implemented email messages from a COBOL DB2 CICS screen to local servers. Developed a protocol to bypass the test region and send messages to the worldwide system for acceptance purposes.
- Worked with local personnel to isolate the manufacturing department and verify timely message delivery, enabling accurate scheduling of tours for the plant services unit

File Reporting System

- Produced the general design to update the File Reporting System. Coded and tested updates to COBOL DB2 CICS batch programs and associated applications.
- Corrected the notification process to communicate between Order and Schedule applications, resolving duplicate messages with overlapping timestamps. Analyzed and coded programs and implemented housekeeping procedures to eliminate duplicate messages between applications.

Kaiser Permanente, Harrisburg PA | Programmer/Developer; Feb 2015 – Aug 2015

Transformation Documentation Project

- Provided documentation of COBOL DB2 batch programs for maintenance, support, and modernization activities. Created MS Excel templates including supporting algorithms and worksheets for Kaiser Permanente to adjust and change.
- Provided CICS/BMS MAPS screen displays and navigation for each function, naming components that control the function. Implemented features on IBM Mainframe platforms to meet operational demands effectively.
- Programmed JCL for batch operations and system integration tasks. Configured DB2 elements to support application data requirements fully.
- Operated RC/Update and PRF tools for database management and enhancements. Coordinated system testing & upgrades with efforts to perform enhancements and complete system design & documentation

- Created detailed documents describing DB2 database input/output functions, overview, and logic; converted COBOL DB2 program code into functional business English, including inputs, outputs, working storage, linkage/commarea sections, and program-to-program data flow.

Highmark, Harrisburg PA | Programmer/Developer; Dec 2013 – Feb 2015
Dental Consumer IMS/DB2 Conversion Project

- Developed the general design to extract, transform, and load the Dental Consumer Database for United Concordia. Coded, tested, and implemented the COBOL program for the NEON Eclipse Reorganization Utility to extract Member/Subscriber data from the legacy IMS database.
- Coded, tested, and implemented the COBOL program to edit and transform IMS segments into DB2 rows for loading into the Dental Consumer Database using DB2 utility DSNUPROC.
- Coded and tested an audit COBOL DB2 program to randomly select rows for verification, accuracy, and synchronization of updated consumer information between the legacy IMS database and the DB2 database.
- Implemented the audit COBOL DB2 program to run weekly during the 30-day warranty period and transmitted reports to the business area.

Soft world, Wilmington Delaware | Programmer/Analyst; Jun 2013 – Oct 2013
Fidelity Information System General Architecture (GN)

- Developed insourcing documentation for processing structures.
- Reviewed batch and online program code, screen functionality, report programs, JCL applications, and scheduling mechanisms. Provided documentation to the business area

Pennsylvania Department of Transportation (PennDOT), Harrisburg, PA | Programmer/Analyst; May 2012 – May 2013
Penn DOT to AAMVA Project

- Coordinated and installed the successful release upgrade for PennDOT and American Association of Motor Vehicle Administrators (AAMVA)...
- Ensured the end-to-end connectivity for the File Transfer Protocol (FTP).

Abandon Vehicles Application

- Coded and tested COBOL IMS online screens to process Abandon Vehicles salvage fees. Researched and coded edits to prevent downstream processing abends.
- Incorporated JCL changes for the batch processes to ensure problem free execution.

Daily Vehicle Transaction Application

- Coded and tested and COBOL IMS batch programs with COBOL DB2 interface modules for modification of the Daily Vehicle Transaction File to produce revenue-tracking reports. Created change management documents to Implemented program code updates

Dealer Identification Number

- Created general design an outside partner to PennDOT. Coded, and tested FTP processing with partners. The received file provided the input for a COBOL program's enhancements with additional reporting functionality the business area requested.
- Coded and tested COBOL IMS online screens to process Dealer Identification Number translations. Transferred data through series of screens, so the business area could know the name of the particular vehicle dealer to be processed on the current transaction.

M&T Bank formerly Wilmington Trust Corporation, Buffalo, New York | Programmer/Analyst; Jun 2005 – Sep 2011
Lock Box Transaction System

- Produced MS Word documents of general/detail designs and pseudo code in the life cycle of a project for business analysis data management systems, DB2 for data management. Coordinated the implementation of production JCL to correct system abends.
- Performed the Lock Box release upgrade in the CICS maps. Coordinated with the business area to test and implement the new screens. Coded tested and implemented conversion programs for the DB2 batch files in this release.
- Produced the full life cycle for the conversion of data files to be used for a vendor supplied system upgrade. Created COBOL DB2 programs to verify data integrity for business area acceptance reports.