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Header 1

List View

**General Information** [Contact](#) [Default Values](#) [Discount](#) [Document Information](#) [Clarification Request](#)

Procurement Folder: 1698045

Procurement Type: Central Master Agreement

Vendor ID: VS0000032266

Legal Name: V3IT CONSULTING, INC.

Alias/DBA: V3IT CONSULTING, INC.

Total Bid: \$218,400.00

Response Date: 09/18/2025

Response Time: 11:30

Responded By User ID: rfp@v3it.com

First Name: Vandana

Last Name: Padgaonkar

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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: 1

Total of All Attachments: 1



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

State of West Virginia  
Solicitation Response

**Proc Folder:** 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 ESR09182500000002026	1

**VENDOR**  
VS0000032266  
V3IT CONSULTING, INC.

**Solicitation Number:** CRFQ 0802 DMV2600000001  
**Total Bid:** 218400  
**Response Date:** 2025-09-18  
**Response Time:** 11:30:25  
**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				218400.00

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.



# Proposal Submission

V3iT Consulting, Inc.

**State of West Virginia**

**Mainframe Application Programmer  
Technical Staffing Services**

**Complete Proposal**

Due Date: Sept 18, 2025

Due Time: 1:30 PM ET



**V3iT Consulting Inc**

1717 N. Naper Blvd. Suite # 103,  
Naperville, IL - 60563

Phone# (630) 245-1400

[www.v3it.com](http://www.v3it.com)





## Content

<b>1. Letter of Transmittal .....</b>	<b>2</b>
<b>2. Summary of the Proposal.....</b>	<b>4</b>
2.1. Understanding of Proposal .....	4
<b>3. Company Information .....</b>	<b>5</b>
3.1. Overview of V3iT .....	5
3.2. Clients & Experience .....	6
3.3. V3iT Services .....	9
3.4. Why should State select V3iT for this engagement? .....	11
<b>4. Staffing Approach.....</b>	<b>12</b>
4.1. Coordination & Communication .....	12
4.2. Process for Selection, Interview, Vetting & Verification Checks for Candidates .....	13
4.3. Background Check.....	16
4.4. Replacement and Continuity Plans .....	17
<b>5. Cost Structure .....</b>	<b>18</b>
<b>6. Appendices .....</b>	<b>19</b>
6.1. V3iT Certificates .....	19
6.2. Mainframe Application Programmer Resumes .....	20



## 1. Letter of Transmittal

V3iT Consulting, Inc. (V3iT) would like to thank “**State of West Virginia** (State) “for this opportunity to bid in response to RFQ Title “**Temporary Information Technology Staffing Services**”

V3iT is a firm specializing in IT Staffing and support services with over 710+ successful projects awarded in public sector in the past 20+ years. As a valued SAP Gold Partner, Microsoft Gold Partner, Oracle Gold partner, VMware and AWS partner. V3iT is a recognized industry leader of SAP for the Public Sector, possessing a proven track record of project successes, deep SAP / ERP / IT domain expertise and extensive knowledge of Public Sector Best Practices.

Headquarters in Naperville, Illinois, V3iT Consulting, Inc. founded in 2001 with a focus on IT software services. V3iT’s mission is to deliver IT Services with a quick Value, Clear Vision and at a high Velocity. Combining domain knowledge, focused approach, and technology understanding, **V3iT Consulting, Inc. a Minority Owned Company (Certified by CMBDC – Certification No. CH2354) and 100% Woman Owned organization.** V3iT Consulting is **Partner** with **SAP, Oracle, Microsoft, and VMware.**

Title	Temporary Information Technology Staffing Services
Name of Firm	V3iT Consulting, Inc.
Type of Organization	C-Corporation
Address	1717 N. Naper Blvd. Suite #103, Naperville, IL 60563
Contact Person	Vandana Padgaonkar
Telephone #	(630) 245-1400
Cell#	(630) 885-1784
Fax	(630) 245-1401
Email	<a href="mailto:Vandana.padgaonkar@v3it.com">Vandana.padgaonkar@v3it.com</a>
Website	<a href="https://www.v3it.com">https://www.v3it.com</a>
Federal ID	74-298-6446
Minority Business Enterprise Certification	Women Owned Business Enterprise (CMBDC Certified) and BEP Certified

On behalf of V3iT Consulting Inc., I acknowledge that we have reviewed the insurance requirements and the sample contract. We are submitting a proposal for all three aspects of the services. The undersigned binds the firm to the provisions in its Proposal. I warrant that the proposal enclosed is a firm offer valid for a period of one hundred and twenty (120) days after the deadline for receipt of the Proposal by State. I will comply with the terms of the request for proposal and conditions.

V3iT & its employees do not have a conflict of interest with State.

V3iT greatly values the opportunity to be considered as a partner to the State of West Virginia. We recognize the importance of this engagement and are committed to delivering the highest standards of attention, quality, and service. Should the state select V3iT for this project, our team will dedicate its full focus to ensuring that all objectives are achieved successfully, on schedule, and within budget.

You have my personal assurance that V3iT will bring the necessary expertise, resources, and commitment to support both the immediate success of this initiative and its long-term sustainability. Please do not hesitate to contact us with any questions or requests for additional information. We sincerely appreciate your consideration and look forward to the possibility of working together.



Also, we certify and comply with the conditions below:

- All the requirements, terms and conditions as set forth in this RFQ.
- The requirement is that the Offeror's proposal accurately describes the goods and services being offered to State, and the proposal will be held firm for the period specified.
- All local, state, and federal laws, rules, code laws, rules, code, regulation, and policies, including those relating to non-discrimination, accessibility, civil rights, and equal employment.
- The requirement that this proposal was prepared independently without collusion.

V3iT's executive management is committed to satisfying the requirements identified in this RFQ, confirming that their resources meet the stated requirements as answered in the proposal.



**Gold  
Partner**



**Authorized Official Signature**  
**Vandana Padgaonkar**  
**Title: President**

**Date: 09-18-2025**





## 2. Summary of the Proposal

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### 2.1. Understanding of Proposal

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The West Virginia Division of Motor Vehicles (DMV) is seeking an **open-end, hourly technical staffing contract** to provide **Mainframe Application Programmer Analysts** who will support, enhance, and maintain the DMV's mission-critical mainframe systems. These systems are central to DMV's ability to deliver essential services to citizens across the state, including licensing, registration, and compliance functions.

V3iT fully understands that this contract requires:

- **On-Site Service Delivery** – All assigned personnel will work at State Headquarters in Charleston, WV, ensuring immediate accessibility and alignment with DMV teams.
- **Flexible Hourly Engagements** – This is an **on-demand staffing agreement** with no guaranteed hours; State will request resources as needed, and V3iT will respond quickly with qualified professionals.
- **Technical Expertise in Legacy Mainframe Technologies** – Staff must be proficient in **COBOL, JCL, DB2, CICS, and VSAM**, with the ability to troubleshoot, maintain, and modernize DMV's existing mainframe applications.
- **Support for System Enhancements & Maintenance** – Analysts will assist in **developing modifications, implementing enhancements, resolving system issues, and ensuring smooth day-to-day operations.**
- **Central Master Agreement (CMA) Use** – The award will establish a master agreement that State may leverage for multiple staffing requests over the contract term.
- **Strict Compliance Requirements** – All services must adhere to West Virginia procurement regulations, contractual insurance requirements, and equal employment and certification standards.
- **Transparent Billing** – Invoices will be submitted monthly, supported by State -approved timesheets.

#### **Commitment to State's Mission**

V3iT recognizes the critical role these mainframe systems play in State's service delivery to West Virginia citizens. We are committed to providing **skilled, reliable, and vetted professionals** who can integrate seamlessly with State staff, sustain system performance, and contribute to modernization efforts. Our approach ensures continuity, compliance, and responsiveness in meeting State's ongoing and future IT needs.



## 3. Company Information

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### 3.1. Overview of V3iT

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Established in 2001, V3iT Consulting, Inc. focuses on providing **end-to-end IT solutions and staffing** services to customers in various industry verticals with public sector as primary. We are headquartered in Naperville, Illinois and has its Center of Excellence and support in Dehradun and Belagavi, India. V3iT is a 100% woman owned and a CMBDC certified minority owned company and certified by CMS by state of Illinois in Business Enterprise Program.

V3iT's mission is to deliver IT Services with a quick Value, Clear Vision & at a high Velocity. Combining domain knowledge, focused approach, and technology understanding, V3iT Consulting is an SAP Service Partner and one of the few companies certified as Applications Services Provider by SAP. V3iT Consulting Inc. is also Partners with Oracle, Microsoft, and VMware.

Our consultants are SAP, Oracle, i2, Sun, HP, Microsoft, IBM, PeopleSoft, and JD Edwards certified. As well as they are certified by other associations such as APICS/PMI/ITIL. As an organization we are in the process of getting certified by ISO and SEI a challenge undertaken by our six sigma black belt consultants. All our consultants, besides having an engineering degree and extensive industry experience, come from a technology background with business acumen.

V3iT Consulting Inc.'s contingent workforce services have provided skilled, experienced employees with complete workforce flexibility, to government agencies and private sector clients since 2001 allowing them to respond to market fluctuations and financial constraints to hire a temporary or full-time workforce. Our in-house management team collectively represents over 350 years' staffing industry experience and specializes in successfully delivering professional personnel to customers in various industry verticals. Our successful track record is built upon a combination of diligence, flexibility, and process, all of which provides a thorough understanding our clients' needs. Our high-quality service, coupled with competitive rates and our extensive database of qualified personnel, combine to make V3iT Consulting the right choice for your staffing needs.

Having the right person available when need arises is the key to our success. V3iT starts the staffing process well before your first request. Our staffing specialists meet daily to anticipate our clients' needs and work to ensure we have the highest-quality candidates in our database when you call. While V3iT has its own full-time employees to work on your projects, our time-proven recruitment processes have resulted in an extensive database of qualified and "ready-to-place" candidates that are carefully selected by experience, skill, and background that most closely and precisely matches the requirements of our current and potential clients.

We believe that every opportunity to achieve a better solution should be taken - Better can mean cost-effective, functional, effective, less risky, or more rapid. We achieve the balance between cost and benefit by using standard components wherever possible, for example, standard, open hardware solutions, standard networks, standard packages, standard relational databases, and standard software tools. These will minimize the need for expensive development work. We have successfully developed long-term relationships with our clients because of our ability to quickly meet your staffing needs. We customize employee handbooks, orientations, pre-assignment testing, assessments, and training—and more—to meet our customer needs.



### 3.2. Clients & Experience

Customer	Customer Services																				Customer Since
	Implementation	Managed Services	Upgrades/Migrations (Database/OS/Hardware)	Cloud / Hybrid Cloud migrations	Staffing	Finance	HR	MM/ Procurement/ Inventory/ Warehouse	Project Systems	Assets Management	Programming and Development	Portal/Fiori/ Workflow	Training	Basis/DBA/ OS/ Hypervisor/ Platform Services	Mobility	Automation/ AI/ ML/IoT or other edge tech.	Identity Management, Cybersecurity, etc.	Analytics (Descriptive, Predictive, Prescriptive)	Planning/ Budgeting	Innovations/ Cost Savings/ Other Initiatives	
State Government																					
Commonwealth of Pennsylvania		✓		✓	✓						✓	✓		✓	✓	✓				✓	2016
State of Utah		✓	✓	✓			✓				✓	✓		✓	✓	✓	✓	✓	✓	✓	2016
State of South Carolina		✓			✓						✓			✓							2016
State of North Carolina					✓						✓										2016
State of Illinois					✓						✓										2002
City/ County Government/ Agencies																					
Monroe County of New York					✓	✓	✓	✓			✓			✓			✓				2020
MSD of Louisville/Jefferson County of Kentucky	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	2016
Gwinnett County of Georgia		✓			✓										✓			✓	✓	✓	2018
City of Palo Alto					✓																2019
County of Marin	✓		✓	✓				✓	✓	✓	✓		✓	✓					✓	✓	2023
Ramsey County		✓	✓		✓		✓		✓	✓	✓						✓	✓			2023
San Bernardino County		✓	✓	✓	✓	✓	✓		✓								✓	✓	✓		2023
City College of Chicago		✓	✓	✓	✓						✓		✓				✓	✓	✓	✓	2024
Erie County	✓	✓	✓	✓	✓						✓		✓		✓			✓			2022
County of Sacramento			✓	✓	✓				✓		✓			✓	✓		✓	✓		✓	2024
City of Phoenix			✓	✓	✓				✓		✓			✓				✓			2021
City of Sunnyvale	✓	✓		✓	✓			✓	✓		✓		✓	✓				✓		✓	2020
Tarrant County	✓	✓	✓	✓										✓							2022
City of Philadelphia		✓	✓	✓	✓	✓	✓		✓								✓	✓	✓		2025
Health and Hospital Corporation	✓	✓	✓	✓	✓			✓	✓		✓	✓	✓	✓				✓	✓	✓	2022
New York Racing Association	✓	✓	✓	✓	✓			✓	✓		✓	✓	✓	✓				✓	✓	✓	2025



Washington County Oregon			✓	✓	✓				✓		✓	✓	✓				✓	✓			2023
<b>Transportation Authority/ Transit Agency</b>																					
Unified Port of San Diego	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2007
Pennsylvania Turnpike	✓	✓					✓					✓	✓	✓						✓	2021
Omnitrans	✓		✓					✓	✓			✓		✓	✓						2023
<b>Higher Education and K-12</b>																					
Pennsylvania's State System of Higher Education	✓	✓	✓		✓		✓					✓	✓		✓	✓	✓	✓	✓	✓	2002
University of Wisconsin	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓			✓				✓	2002
Illinois Public Higher Ed. Coop.		✓			✓															✓	2020
Broward County Public Schools		✓	✓	✓	✓		✓	✓				✓	✓	✓		✓	✓	✓			2019
Polk County Public Schools							✓					✓	✓			✓	✓				2019
Greenville County Public Schools			✓	✓	✓							✓				✓		✓	✓		2020
JEFFCO Public Schools			✓	✓	✓	✓	✓					✓	✓					✓			2022
Oklahoma State University				✓								✓									2023
Central New Mexico Community College			✓	✓	✓			✓	✓			✓			✓		✓	✓	✓	✓	2024
University of Arkansas for Medical Sciences					✓	✓	✓	✓				✓	✓	✓	✓			✓	✓		2021
The Illinois Public Higher Education Cooperative	✓				✓									✓					✓		2021
<b>Utility</b>																					
Inland Empire Utility Authority		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2015
Everett Authority		✓	✓	✓	✓															✓	2019
Monroe County Water Authority		✓	✓	✓	✓	✓		✓				✓		✓					✓	✓	2023
Lansing Board of Water and Light	✓	✓	✓			✓	✓	✓													2023



State: IL, NC, PA, SC, UT  
 Counties: Monroe, NY Gwinnett,  
 GA, DuPage, IL  
 City: City of Palo Alto, CA , City of  
 San Diego, CA Agencies: Port of  
 San Diego, CA; MSD of  
 Louisville/Jefferson, KY; MWRD of  
 Greater Chicago; PA Turnpike;  
 Inland Empire Utility Agency,  
 Everett Housing Authority

Amgen, Avnet, Brady Corporation,  
 British Petroleum, Carlisle, Central  
 Garden and Pet, Chase, CTG,  
 Deluxe Corporation, FlowServe,  
 Glaxo Smith Kline (GSK), Good  
 Year, Harman, Heckler & Koch,  
 Home Depot Supply, Intel  
 Corporation,  
 International Paper, Isuzu, KLA-  
 Tencor, Lear Corporation, Marchon  
 Eyewear, Mega Fishing  
 Corporation, Nestle, Shell,  
 Spectrolab, White Star



Centerpoint Energy, NSA,  
 Amgen, Kimberly Clark,  
 Boeing, Akzo Nobel, Eli Lilly,  
 Inc., IRD, Blumont, Janicki  
 Industries,  
 Kimberly Clark

PA State system of higher education  
 BLOOMSBURG, CALIFORNIA, CHEYNEY, CLARION,  
 EAST STROUDSBURG, EDINBORO  
 INDIANA, KUTZTOWN, LOCK HAVEN, MANSFIELD,  
 MILLERSVILLE, SHIPPENSBURG, SLIPPERY ROCK  
 WEST CHESTER  
 University of Illinois, University of  
 Wisconsin, LACCD, LAUSD,  
 Broward County Public Schools, Polk  
 County Public Schools

Below is a list of customers we have been serving.



#### States/Locals

- States: IL, NC, PA, SC, UT
- Countries: Monroe, NY Gwinnett, GA, DuPage, IL
- City: City of Palo Alto, CA; City of San Diego, CA
- Agencies: Port of San Diego, CA; MSD of Louisville/Jefferson, KY; MWRD of Greater Chicago; PA Turnpike; Inland Empire Utility Agency, Everett Housing Authority

#### Federal Regulated Industries

- CenterPoint Energy
- NSA, Amgen
- Kimberly Clark
- Boeing, Akzo Nobel
- Eli Lilly, Inc.
- IRD
- Bluemont, Inc.
- Janicki Industries



### Our customers

#### Commercial

Amgen, Avnet, Brady Corporation, British Petroleum,  
 Carlisle, Central Garden and Pet, Chase, CTG, Deluxe  
 Corporation, Flowserve, Glaxo Smith Kline (GSK), Good  
 Year, Harman, Heckler & Koch, Home Depot Supply,  
 Intel Corporation, International Paper, Isuzu, KLA-  
 Tencor, Lear Corporation, March on Eyewear, Mega  
 Fishing Corporation, Nestle, Shell, Spectro lab, White  
 Star



#### Higher-Ed and K12

- PA State System of Higher Education:  
 Bloomberg, California, Cheyney, Clarion, East  
 Stroudsburg, Edinboro Indiana, Kutztown, Lock  
 Haven, Mansfield, Millersville, Shippensburg,  
 Slippery Rock West Chester.
- University of Illinois, University of Wisconsin,  
 LACCD, LAUSD, Broward County Public School,  
 Polk County Public School



### 3.3. V3iT Services

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As an end-to-end Technology provider, we serve customers in various facets of their business needs. The primary divisions include:

- Technology Consulting
- Staff Augmentation

#### Technology Consulting

Technology Consulting at V3iT focuses on providing technical and functional IT staffing services that directly support business solutions for government and enterprise clients. Our services cover both application development and infrastructure areas, ensuring that client systems are secure, reliable, and effective.

For this RFQ, most of the resources we would assign to technical roles — such as Mainframe Programming, Database Administration, Network Administration, Security Administration, and Application Development — come from our Technology Consulting group. This group is experienced in supplying skilled professionals who can maintain, enhance, and modernize legacy systems while also supporting ongoing operational needs.

By leveraging this group, V3iT can provide the State with qualified Mainframe Application Programmer Analysts who are proficient in COBOL, JCL, DB2, CICS, and other mainframe technologies. Our consultants are trained to integrate quickly into client environments, follow agency standards, and contribute to improving the overall effectiveness of IT systems.







## Staff Augmentation

We plan, design, build, secure, manage and optimize your enterprise staffing needs continuously. IT Staff Augmentation Services from V3iT provide critical skill sets for your business or IT objectives, filling gaps in your current team and providing staffing solutions that will help ensure your technological initiatives keep pace with your business needs. We help organizations with:

- Contract staffing
- Corp-to-hire
- Full-time hiring
- Flexible Staffing
- With IT Staff Augmentation Services from V3iT, you can:
- Access certified IT professionals including Project Managers, Architects, Systems/Business Analysts
- Software Developers, Infrastructure Specialists, and more
- Gain critical skill sets for your IT operations.
- Benefit from project-specific delivery expertise
- Support your IT operations



### 3.4. Why should State select V3iT for this engagement?

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There are several reasons why the West Virginia State should select V3iT for this engagement:

- **Proven Public Sector Experience** – V3iT has been serving public sector agencies for over 24 years and understands the staffing, compliance, and operational requirements of government IT environments.
- **Expertise in Legacy Systems** – Our consultants have direct experience with **mainframe technologies including COBOL, JCL, DB2, CICS, and VSAM**. This ensures State receives professionals who can immediately support and enhance mission-critical systems.
- **Strong Staffing Capability** – V3iT’s management team brings over 350+ years of combined staffing industry experience. We specialize in placing IT professionals quickly and effectively, with the flexibility to support ad hoc hourly contracts.
- **Rigorous Vetting Process** – All candidates undergo resume validation, technical assessments, background checks, and reference verification to ensure only qualified and reliable staff are presented to State.
- **Commitment to Compliance and Service** – V3iT complies with all state requirements for insurance, equal employment, and certifications. We submit **monthly invoices with approved timesheets** and work collaboratively to resolve any issues.
- **Dedicated to State’s Mission** – We recognize the critical importance of State’s mainframe systems to the citizens of West Virginia. Our leadership team is committed to ensuring this engagement is



## 4. Staffing Approach

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### 4.1. Coordination & Communication

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#### **Account Management & Communication**

V3iT will designate a **dedicated Account Manager** as the **single point of contact** for the State of West Virginia. This ensures clear communication, accountability, and seamless coordination throughout the contract.

#### **Dedicated Account Manager**

- **Experience:** 15+ years in IT staffing, delivery management, and client engagement.
- **Role:** Serves as the **primary liaison** between V3iT and the State.

#### **Responsibilities:**

- Oversee all staffing activities and resource performance.
- Ensure that resources provided align with both **technical requirements** and **cultural fit**.
- Monitor and report on contract performance, compliance, and service levels.
- Handle escalations and critical issues promptly.

**Accessibility:** Available **24x7 via direct phone, email, or other communication methods** preferred by the State.

**Engagement:** Will participate in **periodic review meetings** and **strategic discussions** to align with the State goals and priorities.

#### **Escalation:**

If additional escalation is required, the Account Manager will provide direct access to senior V3iT leadership to ensure that any critical issues are addressed swiftly.



## 4.2. Process for Selection, Interview, Vetting & Verification Checks for Candidates

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### **Process for selecting and interviewing candidates**

Our process in summary (following the receipt of a request):

- ✓ Confirm request with the hiring manager
- ✓ Enter requirement into our resource database
- ✓ Review available resources that are currently on staff
- ✓ Qualify potential candidates (already completed for current staff and proactive candidates)
- ✓ Screen candidates: phone interview and personal interview
- ✓ Begin background checks and drug test as required by the State
- ✓ Conduct technical interview with an on-staff consultant
- ✓ Confirm the candidate's availability and compensation
- ✓ Submit candidates to hire manager
- ✓ Coordinate interviews
- ✓ Coordinate activities of candidate joining and reporting to hiring manager
- ✓ Regular follow-ups and feedback from the hiring manager and the candidate

### **Interview criteria for candidates**

It is important to understand the project's details to make a correct balance of the resources available and the strategic planning.

We consider the following interview criteria for candidates for IT staff augmentation services.

- ✓ General experience (Number of years he has worked as a developer)
- ✓ Specific experience (Number of years he has worked with the technology he is going to use in the position he is applying for. Projects he has worked on are also considered).
- ✓ Comparison of the experience he has with the one requested (Very favourable - Favourable - Not favourable at all)
- ✓ Communication level (Scale of 1-5)
- ✓ Current location (Very favourable - Favourable - Not favourable at all)
- ✓ Availability to start (Immediate - 1 week - 2 weeks or 3 weeks)

At V3iT, we not only check the technical skills but also the attitude and personality match for a given requirement.

### **Vetting Applicants**

Candidate vetting takes place in the form of evaluating the resumes, cover letters, portfolios and other application materials submitted by applicants. V3iT developed a stringent screening process that each of our consultants must undergo before we submit them to our customer for consideration.

- **Telephone Screening:** Upon sourcing a potential candidate, we discuss their work experience, skills, career goals, and professional interests to gauge if they are a match for your open requisition.
- **Cultural Fit Evaluation:** Our recruiters then conduct face-to-face behavioural interviews to assess each consultant's personality, professional demeanour, work style, and communication skills. In these days of the pandemic, we have used the technology of web meetings to conduct such face-to-face



meetings.

- **Technical Fit Evaluation:** For certain engagements, a panel of current V3iT consultants will conduct tailored interviews to verify that our candidates have the technical skills required on a succinct scale of 0,1,2. 0 means does not meet criterion, 1 means meets criterion and 2 means exceeding criterion. This, we have found over years has led to a consistent scoring regardless of panels or their mix.
- **Technical Skills Testing:** Through our partner, METL, we conduct web-based technical skills assessments that measure candidates' technical abilities relative to their peers.
- **Reference Verification:** We obtain a minimum of two detailed technical references from the candidate's previous two employers. Each reference is supervisory in nature, less than two years old, and is directly relevant to your skill set and experience requirements. Although most recruiting agencies claim to include reference checks as part of standard procedure, V3iT proves it. We can connect the State with our consultants' references should your hiring managers like to discuss the candidates' qualifications firsthand.
- **Background and Drug Screenings:** Upon the state's request, we will coordinate any required background and drug screenings through our preferred vendor or a vendor of your choice.
- **Security Clearance:** V3iT is a federal contractor and as part of its stringent requirement actively participates in the National Industrial Security Program and can obtain security clearance for any consultant as needed.

We focus on the skills that will allow a candidate to meet the functional requirements of the job and the experience and traits that will make a candidate a good fit for the job and our company. The areas that are commonly addressed at this stage include:

- The minimum requirements for a candidate to be an "acceptable" hire
- The qualities that would elevate an "acceptable" hire to a great hire
- Identifying the skills and requirements that are most directly related to successfully completing job duties and
- Soft skills that are required for completing job duties and deliverables (emotional intelligence, persuasive communication, etc.)
- Attributes that make candidate a good fit and how these attributes will be identified in cover letters, resumes, portfolios, etc.

### **Vetting New Hires**

At this stage we make sure that we have completed all pre-employment vetting procedures before onboarding an employee. At this stage we verify:

- Background checks and drug tests
- References check
- Certifications required
- Compliance with all state and federal requirements for providing equal employment opportunities
- Review of employment contract containing all job duties and standards described in the job description as well as any changes negotiated by candidates in the pre-hire process

### **Resume Validation & Verification Checks**

The resume validation process helps us mitigate the risks of hiring procedures from an entry level position to a senior level position. It guarantees that the information provided in the resume is genuine and true, no overlap of education history with employment history, and discrepancy in overall experience vs. Year



of Birth. Also, exaggerated claims are recognized, and restorative activities can be guaranteed. Our Extensive Resume Validation Step by Step Process includes:

**Education Verification:** We contact the educational institutions candidate has listed to verify the course of study and the degrees awarded and research for any professional licenses to guarantee that they are all updated.

**Employment Verification:** Contact the businesses recorded on candidate resume or application to check the positions that candidate has worked for. Contact references given by the Candidate to determine their role, performance, and character.

**Identity Verification:** This is one of the most basic and extremely crucial verification in the resume verification process. This is part of our background checks as well.

**Address Verification:** This step ensures that applicants did not indulge in fraudulent practices with their addresses so that employers can easily reach them in case of any emergencies.

**Reference Check:** V3iT's HR/Coordinator reaching out to the provided references to check various areas as mentioned in the response to question-10.





### 4.3. Background Check

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V3iT fully acknowledges and accepts the Agency's requirement that all potential candidates proposed for services under this contract must successfully complete a **comprehensive background check** prior to the commencement of work. V3iT affirms that all costs associated with these background checks will be borne solely by V3iT, with no financial obligation placed on the Agency.

We have established background verification processes and partnerships with nationally recognized screening providers to ensure compliance with both State and Federal requirements. Our internal compliance team will oversee and maintain strict adherence to the background check standards defined by the Agency.

As required, V3iT will ensure that each proposed candidate undergoes a background check covering, at minimum, the following areas:

#### **Credit History Verification**

V3iT will conduct a comprehensive credit check to evaluate the candidate's financial responsibility and confirm the absence of financial issues that could pose potential risks to the Agency.

#### **Employment Verification**

We will confirm all previous employment as stated on the candidate's application and resume, ensuring accuracy of experience and qualifications.

#### **Reference Verification**

All candidate-provided professional and personal references will be thoroughly verified to validate credentials, reliability, and past performance.

#### **Criminal Record Check**

V3iT will conduct state and federal criminal background checks, ensuring that proposed candidates do not have disqualifying convictions that may affect their ability to perform services in a secure environment.

#### **Driver's License Verification**

We will verify each candidate's driver's license credentials, status, and related background information where applicable.

#### **Fingerprint Validation**

V3iT will ensure fingerprint-based identity verification is conducted through authorized state and federal systems to confirm candidate authenticity and identity.

#### **Documentation and Compliance**

V3iT will maintain complete documentation for all background checks performed and will provide written certification of compliance to the Agency prior to the placement of any candidate. Furthermore, we will make these records available for Agency review or audit at any time during the life of the contract. By implementing these measures, V3iT guarantees that only fully screened, qualified, and compliant candidates will be deployed to provide services under this contract, thereby upholding the security, integrity, and operational requirements of the Agency.



#### 4.4. Replacement and Continuity Plans

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V3iT understands the importance of **continuity of services** for the State of West Virginia. To address this, we maintain a structured **succession planning and talent pool approach** to ensure that qualified replacements are available without disruption.

##### Proactive Talent Pool

- V3iT maintains a pool of **pre-vetted mainframe programmer analysts** with skills in COBOL, JCL, DB2, CICS, and legacy modernization.
- These individuals are identified as **“backups”** and are available to step into roles if replacements are required.
- Candidate profiles and resumes are kept ready to ensure rapid response.

##### Replacement Process

Upon receiving notification from the State regarding a replacement need:

- **Notification Response:** Within **10 business days**, V3iT will provide the State with a **list of qualified candidates** and their resumes.
- **Documentation:** Each candidate will include supporting documentation verifying that they meet the required classification.
- **Agency Selection:** Multiple resumes will be submitted, allowing the State to make the final selection.
- **Transition Planning:** Our Account Manager will work directly with the State’s reporting manager to identify areas of non-performance or skill gaps to ensure the replacement resource meets expectations.
- **Onboarding & Knowledge Transfer:** The selected replacement will receive rapid onboarding and knowledge transfer to minimize downtime.

##### Succession Planning Framework

V3iT applies the following structured approach:

- Identify critical positions.
- Define the key technical and soft skills required for each role.
- Match available talent from our pool against critical skills.
- Identify and address skill gaps proactively.
- Maintain readiness for **emergency situations** (e.g., illness, resignation, retirement).
- Continuously evaluate and update the replacement pool to align with State’s evolving needs.

##### Service Continuity Commitment

- V3iT guarantees that **no interruption in service will exceed 10 business days**.
- If an immediate replacement is required, we will prioritize from our **bench of pre-identified candidates** to maintain productivity.



## 5. Cost Structure

Attaching the detailed **Cost Sheet (Exhibit A)**, which outlines the hourly rates and total costs for **regular** and **overtime** across **Year One** and the optional consecutive years, as required.

### 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	\$105	\$218,400
Year One - Overtime	832 hours	Application Programmer Analysts Contract Cost for 1 year based on hourly rate, overtime hours - - Year One	\$105	\$87,360
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	\$108	\$224,640
Optional Year Two Overtime	832 hours	Application Programmer Analysts Contract Cost for 1 year based on hourly rate, overtime hours - - Optional Year Two	\$108	\$89,856
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	\$111	\$230,880
Optional Year Three Overtime	832 hours	Application Programmer Analysts Contract Cost for 1 year based on hourly rate, overtime hours - - Optional Year Three	\$111	\$92,352
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	\$114	\$237,120
Optional Year Four Overtime	832 hours	Application Programmer Analysts Contract Cost for 1 year based on hourly rate, overtime hours - - Optional Year Four	\$114	\$94,848

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

**Note:**

- Overtime hourly rates remain the same across all years
- Regular hourly rates increase by approximately 3% each consecutive year.
- This ensures predictable cost adjustments and long-term budget stability.



## 6. Appendices

### 6.1. V3iT Certificates

THIS CERTIFIES THAT		
<b>V3iT Consulting, Inc.</b>		
* Nationally certified by the: <b>CHICAGO MINORITY SUPPLIER DEVELOPMENT COUNCIL</b>		
*NAICS Code(s): <b>541511; 541512; 541519; 551114; 541611; 561320; 513210; 541618</b>		
* Description of their product/services as defined by the North American Industry Classification System (NAICS)		
07/16/2025		CH02735
<b>Issued Date</b>		<b>Certificate Number</b>
08/31/2026	 <b>Ying McGuire</b> NMSDC CEO and President	 <b>Debra Jennings-Johnson President / CEO</b>
<b>Expiration Date</b>		
By using your password (NMSDC issued only), authorized users may log into NMSDC Central to view the entire profile: <a href="http://nmsdc.org">http://nmsdc.org</a>		
<a href="#">Certify, Develop, Connect, Advocate.</a>		
* MBEs certified by an Affiliate of the National Minority Supplier Development Council, Inc.®		



## 6.2. Mainframe Application Programmer Resumes

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### **SIRINIVAS PUTTA || Sr. Mainframe Application Programmer**

#### **Professional Summary**

- Sr. Mainframe Application Programmer with 17+ years of hands-on experience in application development and full Software Development Life Cycle (SDLC).
- Strong expertise in requirement gathering, analysis, design, coding, testing, implementation, deployment, documentation, and maintenance of IBM Mainframe applications.
- Proven experience in client coordination, offshore leadership, and project delivery in Agile and Waterfall environments.
- Expertise in COBOL, PL/1, Assembler, JCL, DB2, IMS DB/DC, CICS, IDMS, SAS, MQ, Stored Procedures, and CICS Web Services.
- Extensive domain experience in Property & Casualty Insurance, Life Insurance, Utilities (Energy), and Unemployment/Disability Insurance.
- Strong communication, leadership, and mentoring skills with a result-oriented mindset.

#### **Technical Skills**

**Operating Systems:** Windows, Z/OS

**Databases:** DB2, SQL, IMS DB, IDMS, VSAM

**Programming Languages:** COBOL, Assembler, PL/1, JCL (Batch), CICS (Online), TSO ISPF

**Tools/IDE:** MQ, Xpeditor, Idzik, Endeavor, Assertive, FTP, File Manager, Abend-aid, Control-M, Connect Direct, RMS, MS Visio

**Business Domains:** Property & Casualty Insurance, Life Insurance, Utilities – Energy, Unemployment & Disability Insurance

#### **Education**

- Master of Technology (SMD), IIT Kanpur, UP, India – Aug 2007
- Bachelor of Technology, JNTU Kakinada, AP, India – May 2005

#### **Professional Experience**

##### **Tech Rakers | Client – State Farm Insurance Company | Sep 2024 – Current**

Mainframe Application Programmer

- P&C application support for legacy systems, including enhancements, defect fixes, and production support.
- Involved in data migration projects: extraction, cleansing, migration, and validation.
- Developed COBOL/PL/1 reusable components for DB2/IMS CRUD operations and assembler programs for business-critical notices.
- Responsibilities included requirement gathering, impact analysis, HLD/LLD reviews, coding, UAT, offshore coordination, and Agile ceremonies.
- Tools: PL/1, COBOL, Assembler, DB2, SQL, Stored Procedures, IMS DC, IMS DB, TSO ISPF, Git, Agile.

##### **ISR Info Way | Client – State of Wisconsin | Jun 2023 – Sep 2024**



#### **Sr. Mainframe Application Programmer**

- Supported Unemployment Insurance claim systems.
- Led modernization projects, mentoring junior developers and managing deployments into multiple regions.
- Performed technical checkouts, monitored UAT/PROD batch cycles, and resolved defects with S&P teams.
- Tools: COBOL, JCL, DB2, CICS, SQL, File Manager, Control-M, Change man, IDs'.

#### **Northwestern Mutual Life Insurance | Franklin, WI | Aug 2021 – May 2023**

##### **Mainframe Application Programmer**

- Lead developer for LTA (Long Term Advantage) and 10 PAY insurance products.
- Enhanced INSURUN batch processing (JCL, COBOL, PL/1, DB2).
- Generated SAS-based reports ensured compliance (ATO) and led offshore teams.

#### **I2IT Solutions | Client – General Motors, Atlanta, GA | Oct 2020 – Aug 2021**

##### **Mainframe Application Programmer**

- Worked on MGO (Material Global Optimization) under Supply Chain Management.
- Designed and coded solutions in COBOL, PL/1, DB2, IMS, SQL, Assembler.
- Projects: Simplex migration, CA Gen remediation, DLI to BMP conversions, data refresh automation, and Retrieve remediation.
- Agile tools: TFS (Azure).

#### **Con Edison / Orange & Rockland Utilities | Spring Valley, NY | Dec 2018 – Sep 2020**

##### **Mainframe Application Programmer**

- Lead for AMI (Advanced Meter Infrastructure) projects, including Value Stack & Complex Billing.
- Designed backend CICS/COBOL/IMS code for Customer Information Management System (CIMS).
- Coordinated with offshore and cross-functional teams (MDMS, MAMS, HES)
- Managed release, UAT, SLA support, and business stakeholder coordination.

#### **Tata Consultancy Services | Client – State Farm Insurance Company, Bloomington, IL Apr 2011 – Dec 2018**

##### **Mainframe Application Programmer**

- P&C Auto Systems support, defect fixes, enhancements, and production support.
- Projects: ADAM (Automated Driver Assignment), Data Migration, Fetchable Service, Common Parameter Service.
- Technologies: COBOL, PL/1, DB2, SQL, IMS DB, JCL, CICS, CICS Web Services.
- Responsible for requirements gathering, offshore team leadership, and Agile ceremonies.

#### **IBM India Pvt. Ltd. | Client – IBM Global Financing (IGF / ICFS) | Oct 2007 – Apr 2011**

##### **Mainframe Programmer**

- Supported core IBM Leasing & Loaning systems (ICFS) across US, EMEA, Americas, APAC
- Designed and developed COBOL/PL/1/DB2/IMS/MQ solutions for leasing, contract management, and billing.
- Created estimations, technical designs, test plans, and resolved online/batch issues to meet SLAs.





## **Gerald Jose || Mainframe Application Programme Analyst**

Mr. Gerald possesses over three decades of Information Technology experience, with a primary focus on mainframe software. He is currently serving as a Programmer Analyst in the Department of

### **Professional Summary**

Healthcare & Family Services.

- His proficiencies encompass Systems Analysis, COBOL and PL/1 Programming, Test Analysis, Quality Assurance, Web Application Development, Team Leader and Production Support
- His professional background encompasses engagements with diverse entities, including Centers for Medicare & Medicaid Services, Criminal Management System, Student Loan, Telecommunications, Finance, Banking, Healthcare, Billing, Accounting, Insurance, Payroll, and Personnel.
- Demonstrates comprehensive expertise across the entire Systems Development Life Cycle for both batch and online applications. His skill set extends to coding computer programs and testing.

### **Certification**

- VB.Net (Certificate) – 2005, Keane Inc (In-House Training)
- NET Developer (Certificate) – 2007, DePaul University, Chicago, Illinois
- Java Programming – 2010, Illinois Institute of Technology, Chicago, Illinois
- Database Security – 2010, Illinois Institute of Technology, Chicago, Illinois
- Data Warehousing – 2011, Illinois Institute of Technology, Chicago, Illinois
- Data Analytic – 2011, Illinois Institute of Technology, Chicago, Illinois

### **Professional Experience**

#### **DEPARTMENT OF HEALTHCARE AND FAMILY SERVICES (March 2024 to date)**

**201 South Grand Ave E, Springfield, IL 62704**

##### **Job Title: Programmer Analyst**

- Serves as an Information Systems Analyst for the Department of Healthcare and Family Services, Division of Finance, Bureau of Federal Finance by conducting complex and professional functions in the analysis and evaluation of the Federal Financial Participation (FFP) Review and Analysis Program.
- Develops complex management and analytical ad hoc reports and files using the Enterprise Data Warehouse (EDW) to facilitate data management decisions.
- conducts in-depth management studies involving substantial technical research and systems analysis on special projects relating to the federal financial participation process.

**Technology:** Teradata SQL Assistant, Enterprise Data Warehouse, SAS Enterprise, SAS Personal Login, IBM Mainframe Utilities, COBOL, DB2, SQL, JCL, MVS, TSO/ISPF, Microsoft Office.

#### **THE CLERK OF THE CIRCUIT COURT OF COOK COUNTY (August 2018 to February 2023)**

**Chicago, IL 60602**

##### **Job Title: Mainframe Application Programmer**



- Reviewed every Mainframe Legacy report (for Criminal, Civil, Probate and Traffic) and converted into Enterprise Custom Reports using development tools such as SQL Server Integration Services (SSIS) and SQL Server Reporting Services (SSRS). Final products are integrated into Odyssey System.
- Developed Court Forms (for Criminal, Civil, Probate and Traffic) using Microsoft Word and Custom-made Form tokens through XML and Visual Basic.
- Lead 5 junior application developers to develop Enterprise Custom Reports.

**Technology:** Odyssey Court Management Software by Tyler Technologies, SQL Server Reporting Services (SSRS - Report Builder), SQL Server Integration Services (SSIS), Transact-SQL (T-SQL), SQL Server Management Studio, Visual Basic, Java, XML, Visual Studio, C#.Net, IBM Mainframe Utilities, PL/1, COBOL, DB2, SQL, JCL, MVS, TSO/ISPF, CICS

**PYRAMID Consulting Inc (November 2017 to August 2018)**

**11100 Atlantis Place, Alpharetta, GA 30022**

**Job Title: Senior Consultant – Production Support and Analyst**

- Performed functional analysis and review PL/1 codes, CLISTs, ISPF Panels, ISPF Skeletons, copy books, DB2 database structures and JCLs and write documentations in preparation for the modernization of Routing Termination 7 (RTE7) and Common Switch Host Interface Package (COMM SHIP) applications.

**Technology:** PL/1, DB2, BMCDB2 Catalog, SQL, JCL, MVS, TSO/ISPF, XEDIT, EXEC, CLIST, REXX, Microfocus COBOL, IBM mainframe utilities, Abend-Aid, Expediter, MS Office, Blue Zone

**NTT DATA Inc., formerly Keane Inc.**

**December 1997 to August 2017 (1997 to 2009 and re-hired January 2011)**

**100 City Square, Boston, MA**

Worked as a Senior Consultant – Programmer/ Mainframe Application Programmer, Developer, QA and Test Analyst and assigned to the following clients:

**STATE FARM (January 2011 to August 2017), Bloomington, Illinois 61710**

**Job Title: Senior Consultant – QA / Programmer / Test Analyst**

Performed analysis on the system changes, write test plan and test cases applicable to system enhancements using Product Model Management Tool (PMMT versions 2.0 and 3.0) and Execution Database (EDB).

Performed Test Automation Monitor from all 20 Business Application Framework environments for any failures, errors, and defects.

**Technology:** COBOL II, PL/1, DB2, BMCDB2 Catalog, FMDB2, DB2MENU, APPTUNE, Debugger, IMS, CICS, SQL, VSAM, JCL, MVS, TSO/ISPF, z/OS, XEDIT, EXEC, CLIST, REXX, Abend-Aid, File-Aid, MQ Series, Expediter, Pan valet, IBM mainframe utilities, control-M, MS Office, Visio, Trac, Test Automation Monitor, SPLUNK, POSTGRES, GIT, SOAPUI, Agile Methodology

**ILLINOIS STUDENT ASSISTANCE COMMISSION (December 2000 to June 2009)**

**Deerfield, Illinois 60015**

**Job Title: Senior Consultant – Senior Programmer / Quality Assurance**



- Performed full phases of Systems Development Life Cycle (SDLC) for Odyssey Case Management System, Accounting System, Guarantee System, Federal Reports and Default Fee System by writing computer programs for both online and batch applications.
- Performed Quality Assurance for all program and JCL changes and ensure standards were adhered prior to migration into UAT environment; then, schedule a stand-alone UAT execution and wrote resolutions for all problems that may encounter during testing.

**Technology:** COBOL II, DB2, IMS, CICS, SQL, VSAM, JCL, MVS, TSO/ISPF, XEDIT, EXEC, CLIST, REXX, Abend-Aid, File-Aid, Easytrieve, Debugger, Expediter, Pan valet, FTP, WLM, IBM mainframe utilities, CA Scheduler, MS Access, Visual Basic, MICROFOCUS COBOL, Visio, Crystal Report XI, MS Office, Visio

**COMDISCO, INC. (June 2000 to November 2000), Rosemont, Illinois 60018**

**Job Title:** Senior Consultant – Test Analyst

**Technology:** Citrix, Sybase, SQL, MS Access, Segue Silk Test, Oracle, MS Office.

**BAXTER HEALTHCARE CORP. (December 1997 to May 2000), Round Lake, Illinois 60073**

**Job Title:** Senior Consultant - Senior Analyst Programmer

**Technology:** COBOL II, MVS/ESA, TSO/E SPF, JCL, VSAM, Exec, Easytrieve, Teradata, Expediter, MS ACCESS, AS/400, MICROFOCUS COBOL Oracle, SQL, BRIO Explorer, MS Office, Visio

**SOFTWARE LABORATORIES INCORPORATED (September 1996 to August 1997), Makati City, Philippines**

Worked as a Systems Analyst, Senior Analyst, Programmer, Team Lead and assigned to the following clients:

**EQUITABLE BANKING CORPORATION (April 1997 to August 1997), Makati City, Philippines**

**Job Title:** Systems Analyst

**Technology:** COBOL II, CICS, MVS/ESA, TSO/E SPF, JCL, MICROFOCUS COBOL and VSAM.

**SOFTWARE LABORATORIES INCORPORATED (March 1997), Makati City, Philippines**

**Job Title:** Senior Analyst/Programmer

**Technology:** COBOL II, CICS, VSAM and MICROFOCUS COBOL.

**FAR EAST BANK AND TRUST COMPANY (September 1996 to February 1997), Makati City, Philippines**

**Job Title:** Systems Analyst/Consultant

**Technology:** COBOL II, CICS, MVS/ESA, TSO/SPF, EASYTRIEVE, JCL and VSAM.

**SAUDI TELECOM (Government) March 1989 to December 1995 – Riyadh, Kingdom of Saudi Arabia**

**Job Title:** Analyst/Programmer/Quality Assurance

**Technology:** COBOL II, PL/1, CICS, DB2, IMS DB/DC, BTS, IDMS/R, ADSO, OLQ, SAS, VSAM, MVS/ESA, TSO/E SPF, REXX, CLIST, QMF, SQL, SPUFI, MICROFOCUS COBOL, Pan valet, JCL and FOXPRO 2.5B.

**SAUDI TELEX (April 1985 to January 1988), Riyadh, Kingdom of Saudi Arabia**

**Job Title:** PL/1 – IDMS Analyst Programmer



**Technology:** PL/1, CICS, IDMS/R, ADSO, OLQ, VSAM, VM/DOS/VSE/CMS, EXE, MICROFOCUS COBOL and CULPRIT.

**ARMED FORCES OF THE PHILIPPINES COMPUTER SYSTEMS CENTER (June 1983 to March 1985)**

**Quezon City, Philippines**

Job Title: Programmer

**Technology:** ANS COBOL, CICS, IMS DL/1, VM/DOS/VSE, VM/CMS and VSAM.

**Vamshidhar Reddy || Mainframe Application Programme Analyst**

**Professional Summary**

- Senior Mainframe Application Programmer with 9+ years of experience in designing, developing, and maintaining IBM mainframe-based applications.
- Experience in COBOL, JCL, DB2, VSAM, and CICS, with a strong background in analysing business requirements and translating them into efficient technical solutions.
- Experience in coding, debugging, testing, performance tuning, and production support within all phases of the Software Development Life Cycle (SDLC).
- Proven ability to deliver high-quality, stable, and optimized mainframe solutions that meet enterprise objectives.
- Skilled in COBOL programming for both batch and online processing, ensuring reliable business operations.
- Hands-on expertise with CICS for transaction processing and building scalable, high-volume online systems.
- Strong command of DB2 for data management, including writing and tuning SQL queries, stored procedures, and triggers.
- Experienced with IMS and VSAM for hierarchical databases and file storage, supporting critical applications.
- Proficient in writing and optimizing JCL to run batch jobs and streamline workload management.
- Automated job scheduling and monitoring using tools like CA OPS/MVS and BMC Control-M, reducing manual effort.
- Optimized application performance by fine-tuning COBOL programs and improving DB2 query efficiency.
- Familiar with Eltree and REXX for report generation, utilities, and scripting.
- Strong knowledge of RACF for implementing mainframe security and access control.
- Hands-on experience with TSO/ISPF for day-to-day development, debugging, and system navigation.
- Proficient in multiple languages beyond COBOL, including C, C++, and Java, supporting hybrid system development.
- Hands-on experience with IBM z/OS Connect, developing APIs to integrate COBOL/CICS applications with distributed and cloud systems
- Strong background in Endev or CAM administration for configuration management, version control, and streamlined promotions
- Skilled in COBOL, CICS, DB2, JCL, VSAM, and IMS to deliver scalable and high-performance enterprise applications
- Experience with MQ messaging and API enablement for secure, reliable mainframe integrations



- Proficient in DevOps practices using Jenkins, Git, and Docker for automated builds and deployments
- Proven ability to support production deployments, including after-hours and overnight releases
- Recognized for bridging legacy mainframe systems with modern API-driven and cloud-enabled platforms
- Used IBM Rational Developer for z/OS for code formatting, debugging, and improving development efficiency.
- Conducted code reviews and quality checks using SonarQube and similar tools to maintain high standards.
- Integrated mainframe development into CI/CD pipelines using Jenkins and Git for continuous deployments.
- Collaborated with business analysts and stakeholders to turn business requirements into technical solutions.
- Designed and deployed data pipelines from mainframe to cloud (AWS, Azure) for real-time reporting and analytics.
- Worked on API and web service integration to connect mainframe applications with distributed and modern platforms.
- Experienced in Agile methodologies, using JIRA for sprints, backlog tracking, and team collaboration.
- Conducted performance benchmarking of DB2 and batch systems to identify and resolve bottlenecks.
- Mentored junior developers and provided knowledge transfer sessions, strengthening team capability.
- Led modernization efforts to re-engineer legacy applications and make them cloud/API compatible.

### **Professional Experience**

**Client: Capital One, McLean, Virginia FEB 2023 - Present**

**Role: Senior Mainframe Application Programmer**

**Responsibilities:**

- Developed and maintained COBOL applications using IBM COBOL and CICS to support critical financial operations, ensuring high performance and reliability.
- Designed and optimized JCL scripts for batch processing, reducing job runtimes by 25% through workload balancing and efficient resource utilization.
- Design, develop, and maintain IBM mainframe-based applications to support critical business processes.
- Develop and enhance programs using COBOL, JCL, DB2, VSAM, and CICS for both batch and online processing.
- Analyse requirements, design system solutions, and ensure alignment with business and technical needs.
- Perform coding, debugging, testing, and performance tuning to optimize application functionality.
- Collaborate with cross-functional teams to implement solutions within the SDLC framework.
- Provide production support by investigating and resolving system issues to minimize downtime.
- Create and maintain documentation for systems, processes, and code for future reference.
- Supported existing mainframe applications, ensuring stability and efficiency.



- Developed new modules and enhanced existing applications using COBOL, JCL, DB2, and VSAM.
- Implemented CICS transactions and optimized programs for better performance.
- Participated in requirement gathering, impact analysis, and technical design sessions.
- Assisted in unit testing, integration testing, and production implementation.
- Handled production support activities, including job abends, troubleshooting, and root-cause analysis.
- Hands-on expertise with DB2, writing complex SQL queries, stored procedures, and triggers for large-scale financial data processing.
- Managed hierarchical data structures using IMS and file handling with VSAM, ensuring reliable storage and fast retrieval.
- Designed and implemented z/OS Connect APIs to integrate COBOL/CICS applications with distributed and cloud systems, improving interoperability.
- Built and deployed RESTful services on z/OS Connect, enabling secure and scalable integration for high-volume financial transactions.
- Supported endeavour CAM administration and streamlined promotion processes for COBOL/CICS applications, ensuring traceability and compliance.
- Implemented RACF security protocols for access control and compliance, safeguarding sensitive financial and healthcare data.
- Used TSO/ISPF daily for interactive development, debugging, and job monitoring in z/OS environments.
- Automated batch job scheduling and monitoring with BMC Control-M and CA OPS/MVS, improving operational efficiency.
- Conducted performance tuning of COBOL programs and DB2 databases, cutting query times and improving system responsiveness.
- Leveraged Eltree and REXX scripting for ad-hoc reporting and data transformation needs.
- Utilized IBM Z Tools and IBM Rational Developer for z/OS for code analysis, debugging, and improving developer productivity.
- Conducted code reviews with SonarQube and mentored junior developers, ensuring maintainable, high-quality deliverables.
- Integrated mainframe applications with cloud services (AWS, Azure), enabling real-time analytics and modern reporting.
- Automated builds and deployments through Jenkins pipelines, reducing manual steps and increasing release reliability.
- Collaborated with business analysts and stakeholders to gather requirements and translate them into robust technical solutions.
- Implemented Agile methodologies (Scrum, JIRA) within the team, improving delivery timelines and transparency.
- Participated in mainframe modernization projects, migrating selected workloads to microservices using Docker and Kubernetes.
- Developed and tested APIs to integrate mainframe systems with distributed applications, enhancing cross-platform interoperability.
- Monitored system health with Prometheus and Grafana, proactively identifying performance bottlenecks.
- Designed and implemented ETL pipelines between mainframes and cloud systems for enterprise data integration.





- Created detailed technical documentation (designs, workflows, knowledge base) using Confluence, improving knowledge sharing.
- Conducted disaster recovery planning with IBM Z Backup Solutions, ensuring business continuity during failures.

**Environment:** Cobol, JCL scripts, IBM JCL, Jira, Git, AWS, Splunk, Docker, Kubernetes, Junit, Mockito, Agile, Prometheus, Grafana, Java, SQL, Postman, ETL, UX/UI.

**Client: State of New York – Department of Health, New York 2020 – July 2022**

**Role: Senior Mainframe Application Programmer**

**Responsibilities:**

- Collaborated with government stakeholders to gather and document requirements, ensuring compliance with agency policies and federal IT standards.
- Designed and developed COBOL applications on IBM Z/OS, supporting mission-critical citizen services and secure data processing.
- Designed, developed, and maintained large-scale IBM mainframe applications to support critical business operations.
- Wrote, optimized, and maintained COBOL programs interfacing with DB2, VSAM, and CICS systems.
- Created and executed JCL scripts for batch processes, scheduling, and automation.
- Partnered with business analysts to analyse requirements and translate them into robust technical solutions.
- Conducted application debugging, unit/system testing, and performance tuning to ensure efficiency and reliability.
- Supported production environments by identifying and resolving incidents, ensuring minimal downtime.
- Collaborated with cross-functional teams following SDLC best practices for smooth delivery of projects.
- Developed and enhanced mainframe applications using COBOL, DB2, and CICS.
- Maintained and optimized VSAM datasets to support high-volume transaction processing.
- Wrote and maintained JCL for batch processing, error handling, and performance optimization.
- Provided production support, resolving application issues within SLA timelines.
- Assisted in system upgrades, migration projects, and testing phases of application releases.
- Built and optimized JCL scripts for batch jobs, improving efficiency of large-scale data workloads across multiple agencies.
- Developed integration components using z/OS Connect to expose legacy mainframe transactions as REST APIs for inter-agency platforms.
- Partnered with middleware teams to configure and test MQ messaging and z/OS Connect API pipelines, ensuring secure and reliable data exchange.
- Developed and maintained CICS-based online applications to handle high-volume transaction processing for public services.
- Designed and optimized DB2 databases, writing complex SQL queries and stored procedures for reporting and analytics.
- Managed hierarchical databases using IMS and file handling with VSAM for sensitive citizen and agency records.
- Enforced RACF-based security protocols to safeguard confidential government data and ensure audit readiness.



- Leveraged TSO/ISPF for program development, debugging, and batch job monitoring within z/OS environments.
- Automated job scheduling and workload management with BMC Control-M and CA OPS/MVS, reducing manual intervention.
- Conducted performance tuning for COBOL and DB2 applications, reducing report generation time by 30%.
- Utilized IBM Rational Developer for z/OS and IBM Z Tools for efficient debugging, testing, and code quality improvements.
- Integrated Apache Kafka for real-time data streaming, enabling faster inter-agency decision-making.
- Automated builds and deployments using Jenkins and Git, embedding mainframe applications into CI/CD pipelines.
- Deployed Terraform and Ansible for Infrastructure as Code (Isc) and configuration management, ensuring consistency across government data centres.
- Packaged applications into Docker containers for hybrid deployments across on-premises and government cloud platforms.
- Exposed legacy functions as RESTful APIs, ensuring interoperability with modern government systems and citizen portals.
- Used Splunk and IBM OMEGAMON for monitoring and root-cause analysis, improving system uptime and reliability.
- Created actionable insights with Tableau dashboards, empowering leadership to track KPIs and citizen service metrics.
- Applied ServiceNow for incident management, ensuring faster resolution of production issues.
- Conducted disaster recovery planning with IBM Z Backup Solutions, ensuring uninterrupted critical services.
- Ensured compliance with FISMA, NIST, and federal security standards, aligning with strict government audit requirements.
- Facilitated Agile delivery with JIRA and Azure DevOps, driving transparency and sprint-based project execution.
- Engaged in DevOps practices to improve collaboration between development and operations teams, reducing deployment timelines.
- Delivered knowledge transfer sessions and mentoring to junior developers, improving team readiness for modernization initiatives.
- Recognized for delivering secure, scalable, and reliable mainframe solutions that strengthened government IT infrastructure.

**Environment:** IBM Z/OS, Git, Apache Kafka, Cobol, Jenkins, Splunk, Terraform, Ansible, Docker, Jira, Restful API, Tableau, Eclipse, Agile, Azure DevOps, RPA.

**Client:** Pacific Life, New Port Bea 2018 JAN 2020

**Roles:** Mainframe Consultant

**Responsibilities:**

- Developed and maintained mainframe applications used to support core insurance operations such as claims processing and policy management.
- Implemented batch processing jobs with JCL to automate daily premium calculations and policy updates, improving efficiency.
- Conducted performance tuning of existing applications using DB2 performance tools, enhancing processing speed and reducing resource usage.



- Collaborated with cross-functional teams to gather requirements and design scalable technical solutions under Agile methodologies.
- Supported legacy IBM mainframe systems by performing application maintenance and enhancements.
- Developed COBOL/JCL programs to automate business workflows.
- Worked with DB2 and VSAM to manage structured and unstructured data.
- Assisted in requirement gathering and documentation to support development initiatives.
- Provided production support and resolved critical system issues under tight deadlines.
- Participated in integration testing and coordinated deployments.
- Designed and developed interactive CICS screens to simplify insurance workflows and improve customer service experience.
- Engaged in debugging and troubleshooting applications using IBM Debug Tool and CICS Transaction Gateway to resolve production issues.
- Created and maintained technical documentation for applications, processes, and standards using Confluence, ensuring knowledge continuity.
- Utilized VSAM datasets for efficient policy and claim data storage, optimizing data access patterns for reporting.
- Developed REXX scripts to automate routine insurance tasks, reducing manual intervention and error rates.
- Conducted code reviews and mentored junior developers on mainframe best practices using Git for version control.
- Participated in system migration projects on IBM z/OS, ensuring smooth transitions with minimal downtime for insurance services.
- Integrated mainframe applications with SOAP and RESTful APIs, enabling interoperability with modern insurance platforms.
- Employed RACF security protocols to safeguard sensitive customer data and ensure compliance with SOX and PCI-DSS standards.
- Assisted in disaster recovery planning and testing using IBM Z Resiliency Orchestration, ensuring business continuity.
- Partnered with DBAs to optimize DB2's performance and ensure accuracy of claims and financial reporting.
- Supported legacy insurance systems by leveraging Natural and ADABAS, ensuring continuity of older applications.
- Collaborated with QA teams to design test plans and perform end-to-end testing with IBM Rational Test Workbench.
- Engaged in Agile delivery practices using JIRA, improving transparency and stakeholder communication.
- Implemented DevOps practices with Jenkins, streamlining deployments and reducing release cycles.
- Developed insurance reporting solutions with Eltree, providing business insights into policy renewals and claims trends.
- Leveraged IBM Rational Developer for z/OS for debugging, code quality improvements, and faster development cycles.
- Integrated monitoring and analysis tools like Splunk and OMEGAMON, improving system reliability and reducing downtime.



- Worked on cloud integration initiatives with AWS, enabling secure data pipelines between mainframe and cloud analytics platforms.
- Conducted training sessions for new developers, sharing knowledge on insurance workflows and modernization practices.
- Recognized for delivering secure, high-performing mainframe solutions that improved claims accuracy, reporting timelines, and customer satisfaction.

**Environment:** COBOL, CICS, DB2, Agile, REXX scripts, Git, SOAP, RESTful APIs, JIRA, Jenkins, AWS

**Client:** Excels Inc, India June 2016 – Dec 2017

**Role:** ETL and Mainframe Tester

**Responsibilities:**

- Performed ETL job performance analysis and tuning with DataStage Director, optimizing resource utilization and throughput.
- Created detailed testing documentation of procedures and mainframe integration workflows in Confluence, ensuring knowledge transfer.
- Monitored and troubleshoot system performance related to DataStage jobs, leveraging IBM z/OS tools to minimize downtime during testing.
- Designed and validated error handling and recovery procedures in ETL jobs, ensuring reliability with Apache Knife.
- Tested real-time data streaming using Apache Kafka, ensuring continuous and accurate ingestion for reporting pipelines.
- Executed root cause analysis for data discrepancies, implementing corrective actions using SQL and Python.
- Built and maintained Tableau dashboards to track ETL job performance and provide insights into data processing efficiency.
- Coordinated with cross-functional teams to validate successful implementation of ETL projects, tracking tasks via JIRA.
- Enhanced UNIX shell scripts for better error handling and logging during ETL validation and testing.
- Reviewed and updated the logical data model using Erwin Data Modeler, aligning with evolving business requirements.
- Collaborated with data stewards to monitor data quality metrics using Informatica Data Quality, ensuring policy adherence.
- Validated data archiving strategies for optimized DB2 database performance and storage cost reduction.
- Executed data validation scripts in SQL to reconcile source vs. target data, ensuring data integrity.
- Assisted in migrating ETL processes from legacy to modern platforms, leveraging AWS cloud services for scalability.
- Supported end-user training and documentation using SharePoint, improving adoption of ETL-driven reporting.
- Designed test automation frameworks for regression testing of ETL pipelines, reducing manual testing effort.
- UAT (User Acceptance Testing) conducted with business users to validate ETL workflows against reporting requirements.
- Developed data lineage documentation to trace ETL flows from source to target, improving audit readiness.



- Engaged in Agile ceremonies (daily standups, sprint reviews) to align ETL testing with ongoing development.
- Validated security and compliance checks for ETL jobs to meet insurance regulatory standards like SOX.
- Partnered with DBAs to optimize DB2 queries used in ETL validations, reducing query execution times.
- Recognized for improving testing efficiency by 30% through reusable SQL scripts and automated validation processes.

**Environment:** DataStage v8.1, Oracle 10g, Unix scripting, ETL, Apache Kafka, Tableau, SQL, Python, JIRA, AWS.

## **Raju Penthala || Mainframe Application Programme Analyst**

### **Professional Summary**

Seasoned Senior Mainframe Consultant with over 10+ years of hands-on experience in designing, developing, and modernizing enterprise-scale COBOL, JCL, and CICS applications across the healthcare, insurance, public sector, and energy industries. Adept at optimizing batch processing, automating workflows with REXX, and enhancing DB2/VSAM-based data systems to improve performance and reliability. Proven success in driving modernization efforts, integrating mainframe systems with cloud platforms via APIs and secure messaging (MQ/FTP), and ensuring regulatory compliance (HIPAA, SOX, CJIS) across mission-critical applications. Experienced in job scheduling (CA7, TWS), incident triage (Abend-AID, Main View), version control (Change man), and cross-functional Agile collaboration. Delivered scalable and maintainable mainframe solutions that aligned with long-term business goals and supported large-scale modernization initiatives. Collaborated across technical and business teams to ensure accurate translation of requirements into efficient mainframe logic.

### **Professional Experience**

**Fira, Washington, D.C || Duration: Dec 2024 – Present**

**Designation: Senior Mainframe Consultant**

- Supported the modernization of legacy COBOL-based applications used for emissions tracking, permit processing, and compliance enforcement.
- Enhanced and maintained COBOL batch and CICS online programs to address regulatory changes and air quality reporting requirements.
- Refactored legacy code to improve performance, maintainability, and modularity across air quality data systems.
- Designed and optimized JCL job flows to automate environmental permit renewal cycles and compliance data processing.
- Built and modified CICS screens to facilitate real-time entry and retrieval of vehicle, facility, and emissions-related data.
- Tuned DB2 SQL queries and indexes to support large-volume emissions datasets used in modelling and analytics.
- Collaborated with cross-agency teams to implement secure MQ and FTP-based data exchanges with state and federal systems.



- Identified and extracted reusable COBOL components for potential integration into future API-based modernization efforts.
- Led production support triage, resolved high-priority abends, and conducted root cause analysis using Abend-AID and Main View.
- Managed CA7 scheduling activities, including job setup, failure resolution, and dependency optimization.
- Spearheaded the documentation of system architecture, technical designs, and change management processes, consistently meeting California state IT governance regulations.
- Performed impact analysis on code changes and assessed downstream system and data dependencies.
- Supported the security team in maintaining compliance with CARB data privacy policies and government IT standards.
- Automated development and deployment tasks using custom REXX scripts, reducing repetitive manual effort.
- Reviewed code deliverables and mentored junior developers on COBOL, JCL, and CICS development best practices.
- Worked with business analysts to clarify logic changes and uncover automation opportunities within compliance workflows.
- Streamlined testing processes for QA by creating targeted File-AID test datasets and ensuring accurate result validation during SIT and UAT.
- Logged and resolved incidents using ServiceNow, maintaining full audit traceability for all reported issues.
- Coordinated with DBAs on data archival strategies and DB2 partitioning for long-term regulatory record storage.
- Played a collaborative role in Agile sprint ceremonies, directly influencing and contributing to Mainframe-to-Cloud Modernization Planning initiatives.

**United Airlines, Chicago, IL | | Duration: Jun 2022 – Nov 2024**

**Designation: Senior Mainframe Consultant**

- Led enhancements and maintenance of legacy COBOL/CICS applications supporting county-level tax processing, benefits eligibility, and case management systems.
- Translated business requirements into scalable mainframe logic by designing and modifying COBOL batch and online components.
- Architected and optimized complex JCL workflows, improving job sequencing and reducing nightly batch processing time by over 20%.
- Performed end-to-end data validation and cleanup across VSAM and DB2 datasets to ensure compliance with public sector data quality standards.
- Integrated mainframe workflows with external agency systems using secure FTP and MQ messaging for real-time data exchanges.
- Designed, built, and validated new CICS screens to enhance case worker efficiency, including transaction logging and data input validation.
- Utilized CA7 for scheduling, monitoring, and rerunning high-volume jobs tied to public assistance, payroll, and social services modules.
- Resolved abends with zero SLA breaches using Abend-AID, SPUFI, and Main View.
- Authored REXX scripts to automate recurring developer tasks, including log parsing, dataset validation, and job submission.



- Tuned DB2 SQL and embedded queries for performance-sensitive modules, especially for benefit eligibility lookups and audit reporting.
- Collaborated with infrastructure teams to validate application stability during z/OS maintenance, IPLs, and version upgrades.
- Implemented enhanced error-handling and checkpoint/restart logic for critical batch processes to support mid-cycle recoveries.
- Participated in security reviews, ensuring HIPAA and CJIS compliance across all mainframe-hosted personal and health information.
- Managed the creation of detailed system flows, job dependencies, test cases, and rollback plans, consistently satisfying county IT governance and audit regulations.
- Provided mentoring and upskilling support to junior developers and offshore teams, including code walkthroughs and knowledge transfers.
- Supported data migration initiatives by mapping legacy DB2 structures to modern target systems and ensuring referential integrity.
- Engaged in Agile ceremonies and collaborated cross-functionally with business analysts, QA, and third-party vendors.
- Delivered functional and technical documentation for all change requests, new module development, and system enhancements.
- Used Change man to manage promotions and ensure version control integrity across development and QA environments.
- Contributed to Legacy System Modernization planning by identifying reusable COBOL logic for API enablement and platform migration.

#### **Milwaukee County Transit System, Milwaukee, WI || Duration: Dec 2019 – May 2022**

##### **Designation: Mainframe Consultant**

- Led the modernization of critical mainframe applications supporting energy distribution, pipeline logistics, and refinery scheduling systems.
- Directed a team of developers in enhancing COBOL batch and CICS programs, enforcing standards for quality, performance, and security.
- Spearheaded the reengineering of high-CPU JCL jobs, reducing batch window overruns and optimizing system utilization.
- Reviewed and refactored legacy VSAM-based modules, transitioning to efficient DB2-based access methods.
- Collaborated on Mainframe API Integration with cloud-based microservices, using secure FTP and MQ to modernize legacy pipelines.
- Mentored junior developers on structured COBOL programming, job control language, and CICS debugging techniques.
- Oversaw resolution of complex production abends and performance bottlenecks, leveraging Abend-AID, Main View, and internal diagnostics tools.
- Facilitated coordination with infrastructure teams during z/OS upgrades, validating application compatibility and JCL/environment changes.
- Created reusable REXX utilities to streamline development, automate job checks, and assist in pre-deployment validations.
- Ensured timely delivery of monthly batch and online releases by driving cross-team collaboration and adhering to Agile delivery timelines.





- Performed code reviews and risk assessments on high-impact modules related to fuel pricing, distribution, and compliance reporting.
- Coordinated with DBAs to optimize DB2 queries, indexes, and storage management strategies to support high-volume transaction processing.
- Designed and documented data flow diagrams, impact analysis reports, and failover procedures to improve maintainability and recovery.
- Collaborated with QA teams to define end-to-end test scenarios for complex batch chains and real-time transaction flows.
- Defined version control strategy and coordinated Change Man deployment pipelines across dev, test, and production environments.
- Interfaced with cybersecurity teams to ensure data protection policies were followed in mainframe data exchange and job executions.
- Delivered business presentations on legacy modernization initiatives and gained executive buy-in for incremental migration efforts.
- Supported integration of mainframe logs and performance metrics into Splunk dashboards for real-time operational visibility.

**Chevron, San Ramon, CA || Duration: July 2017 – Nov 2018**

**Designation: Mainframe Application Developer**

- Developed and maintained COBOL programs to support automated fare processing, route scheduling, and transit data reconciliation across legacy systems.
- Designed and enhanced batch JCL job streams to streamline overnight processing and improve operational throughput.
- Built and maintained VSAM files to support high-volume transaction logging and fare collection data storage.
- Integrated mainframe programs with external payment systems and smartcard readers via MQ messaging and FTP interfaces.
- Developed and supported CICS-based online screens for transit card management, account balance inquiries, and fare adjustments.
- Tuned embedded DB2 SQL statements for performance-critical modules, improving query response times and reducing CPU usage.
- Led system analysis for legacy modernization initiatives, preparing COBOL modules for phased migration into distributed systems.
- Coordinated production support efforts, resolving batch abends and CICS transaction failures using Abend-AID and Main View logs.
- Automated routine job monitoring and validation using REXX scripts, reducing manual overhead and improving SLA compliance.
- Collaborated with business analysts to define requirements for fare policy changes and implemented logic updates accordingly.
- Engineered File-AID test datasets and designed robust validation scenarios to facilitate effective QA, SIT, and UAT testing.
- Managed job dependencies and reruns in the CA7 scheduler, ensuring timely resolution of critical jobs and preventing downstream delays.
- Documented system flows, logic changes, data models, and release notes in line with ITIL practices and audit requirements.





- Delivered technical walk-throughs and KT sessions for cross-functional support teams during release and transition periods.
- Participated in monthly capacity and performance review meetings, analysing batch performance trends and job stats.
- Refactored COBOL code for modularity and maintainability, ensuring better reusability and alignment with new development standards.
- Implemented robust error-handling routines andabend recovery logic, reducing unplanned downtime during production runs.
- Supported multiple parallel development efforts across fare processing, ridership data analytics, and compliance reporting modules.

**Meijer, Grand Rapids, MI || Duration: April 2015 – Jun 2017**

**Designation: Mainframe Systems Analyst**

- Partnered with business stakeholders and the development team to gather requirements and design system enhancements for policy administration systems.
- Analysed and modified COBOL batch and CICS programs to support regulatory changes impacting claims and underwriting modules.
- Reviewed and optimized JCL jobs and scheduling dependencies, reducing processing delays and improving batch performance.
- Analysed VSAM and DB2 data using File-AID and SPUFI to inform comprehensive impact assessments and ensure accurate test data validation.
- Handled batch failures and escalated critical incidents through structured RCA and monitoring job dependencies.
- Conducted root cause analysis (RCA) for recurring defects and coordinated with QA to implement long-term solutions.
- Created design specs and data flow diagrams to support smoother underwriting automation and reduce manual claims routing delays.
- Provided data extracts and ad hoc DB2 queries to support audit, actuarial, and compliance reporting teams.
- Coordinated system integration testing (SIT) and user acceptance testing (UAT) cycles, ensuring test coverage across impacted modules.
- Performed code walkthroughs and peer reviews, ensuring adherence to internal standards and best practices.
- Coordinated release cycles to maintain quality control and version integrity across development and QA environments.
- Created and maintained ServiceNow tickets for change requests, incidents, and knowledge base documentation.
- Participated in COBOL program refactoring efforts, improving maintainability and reducing technical debt.
- Engaged in knowledge transfer sessions, mentoring junior team members, and sharing documentation best practices.
- Supported SOX compliance efforts by documenting system access controls and data validation procedures.

**Avinash Boppudi || Mainframe Application Programme Analyst**



## **Professional Summary**

- Over 10 years of strong experience in mainframe development and support, working with COBOL, JCL, DB2, CICS, VSAM, and related tools in insurance, healthcare, and banking environments.
- Skilled in developing and maintaining batch and online applications, creating new COBOL programs, enhancing legacy systems, and managing integration with internal and external interfaces.
- Proficient in creating, modifying, and scheduling JCL jobs, implementing restart and recovery logic, and ensuring smooth batch cycle execution.
- Skilled in managing API-centric mainframe integrations using IBM z/OS Connect across hybrid cloud environments
- Deep understanding of DB2 and VSAM for handling large volumes of transactional data, optimizing queries, and performing data migration and validation.
- Experience in building and maintaining CICS-based screens and online programs, ensuring responsive user interaction and reliable backend updates.
- Worked on integrating mainframe systems with distributed applications using MQ and REST APIs, enabling seamless data flow across platforms.
- Hands-on with Endeavor for code promotion and version control, Abend-AID for abend analysis, and File-AID and SPUFI for debugging and database queries.
- Developed Elstree reports and REXX scripts to automate data extraction and streamline repetitive reporting tasks.
- Provided daily production support by monitoring job runs, analyzing failures, debugging abends, and applying permanent code fixes.
- Participated in Agile ceremonies including sprint planning, daily scrums, and retrospectives, and used JIRA and Confluence for task tracking and documentation.
- Reviewed and enhanced existing programs for better performance, ensured adherence to coding standards, and maintained detailed documentation.
- Involved in exposing COBOL modules as reusable APIs to support modernization efforts and reduce duplication across systems.
- Created custom reconciliation reports and compliance outputs based on business rules, supporting audit and financial tracking activities.
- Worked with IMS DB/DC on transactional applications, ensuring data consistency and smooth execution of MPP programs.
- Applied optimization techniques to reduce batch window times, including the use of DFSORT, ICETOOL, and job parallelization methods.
- Familiar with job automation and workload balancing techniques using tools like Control-M and ESP Scheduler to maintain stable and timely batch processing.
- Supported cross-environment migrations by modifying datasets, adjusting copybooks, and validating data flows between test, QA, and production regions.
- Actively engaged in backend testing and UAT phases, writing test scenarios for COBOL logic and validating DB2 table updates and downstream file generations.
- Experienced in handling production incidents and applying hotfixes under tight deadlines while minimizing impact to critical business processes.
- Worked closely with QA and business teams during agile cycles to ensure each sprint deliverable met functional and performance expectations.

## **Professional Experience**



**Client: Apple, California.**

**Senior Mainframe Consultant | July 2021 – Current**

**Responsibilities:**

- Designed new COBOL modules and modified legacy programs to support updated underwriting logic and policy structures.
- Designed and managed DevOps pipelines to automate build, deployment, and test for IBM z/OS Connect API projects.
- Built automation using Jenkins, Urban Code Deploy, and custom scripts to generate deployable archive files for z/OS Connect.
- Developed DB2 stored procedures and SQL queries to fetch real-time premium and risk data, accelerating quoting cycles.
- Created dynamic JCL job flows to reduce manual input dependencies and improve batch job efficiency.
- Wrote and tested CICS programs for policy inquiry, endorsement, and cancellation workflows.
- Tuned DB2 queries to improve report generation time by 60%, enhancing agent dashboard responsiveness.
- Participated in agile sprint planning, story point estimations, and defect tracking using JIRA and Confluence.
- Implemented extensive regression testing and coordinated with QA teams for SIT and UAT test cases.
- Prepared impact analysis and rollback plan for major code deployments across LPARs.
- Automated recurring reports using REXX scripts, reducing manual effort by 80%.
- Partnered with business users for requirement clarification and conducted daily stand-ups with onshore/offshore teams.
- Ensured SOX compliance for code movements by maintaining audit trails and changing logs in Endeavor.
- Created file layouts and conversion logic for migrating legacy VSAM files to DB2 tables.
- Integrated MQ Series messaging with COBOL/CICS programs to enable real-time communication between mainframe and distributed systems.
- Developed batch COBOL programs to process large volumes of premium transactions, optimizing CPU and memory usage.
- Designed checkpoint-restart logic for long-running batch jobs, improving fault tolerance and job recovery.
- Conducted code walkthroughs and peer reviews to ensure adherence to coding standards and improve maintainability.
- Led the conversion of flat file-based data exchange to XML/JSON formats using middleware adapters for system modernization.
- Maintained and enhanced IMS DB/DC applications, improving policy servicing speed and reducing transaction deadlocks.
- Developed audit trails and reconciliation reports for compliance reporting using COBOL and DB2 utilities.
- Refactored monolithic legacy modules into reusable subprograms to increase modularity and reduce code duplication.
- Implemented Abend-AID and CA-7 job tracking for proactive monitoring and faster resolution of production abends.



- Created technical documentation, data flow diagrams, and service interface specifications to support cross-functional teams.

**Client: Stepan Company, Chicago IL**

**Mainframe Consultant**

**January 2019 – June 2021**

**Responsibilities:**

- Refactored and enhanced COBOL batch jobs to reduce processing delays in claims adjudication and Explanation of Benefits (EOB) generation.
- Converted flat file data structures to VSAM for faster random access, minimizing reprocessing efforts and improving throughput.
- Established monitoring and alerting for z/OS Connect using Prometheus, Grafana.
- Enabled Open API-based modernization of CICS, IMS, Db2, and MQ services using z/OS Connect as an API gateway.
- Utilized Abend-AID and Fault Analyzer tools for efficient debugging of job abends, implementing fixes without impacting SLA commitments.
- Developed Elstree utility programs for generating monthly performance metrics and monitoring claims status reports.
- Integrated mainframe applications with mid-tier APIs through MQ Series messaging using CICS transaction codes to enable seamless data exchange.
- Played a key role in migrating legacy VSAM-based records to DB2 databases, enhancing reporting flexibility and data accessibility.
- Collaborated closely with DBAs and QA testers to optimize DB2 queries, verify indexing strategies, and maintain up-to-date run stats for performance tuning.
- Designed and implemented restart and checkpoint logic within JCL for long-running batch claim jobs to enable mid-job recovery and reduce downtime.
- Created and tested disaster recovery job workflows alongside the infrastructure team to ensure business continuity during failover scenarios.
- Provided 24x7 production support for critical claim batch cycles, promptly diagnosing and resolving issues within defined turnaround times.
- Delivered technical training sessions and authored comprehensive documentation to onboard new hires and upskill junior developers.
- Automated batch monitoring and alerting through customized scripts, proactively identifying job failures before impacting business operations.
- Developed and maintained CICS transaction programs to support claims inquiry and updates, ensuring data integrity and smooth user experience.
- Coordinated with cross-functional teams to analyze production incidents, root cause analysis, and implement preventive measures.
- Ensured compliance with SOX and internal audit policies by maintaining detailed change logs and version control records.
- Enhanced job scheduling and dependency management in CA-7 to optimize batch window utilization and reduce overlap conflicts.
- Participated in sprint retrospectives and continuous improvement initiatives to enhance agile delivery processes and team collaboration.

**Client: Dept of Motor Vehicles, Sacramento CA**



## **Mainframe Consultant | | February 2017 – December 2018**

### **Responsibilities:**

- Supported and enhanced account servicing modules using COBOL, JCL, and DB2 within retail banking systems.
- Used z/OS container extensions to standardize z/OS Connect deployment workflows.
- Developed and maintained CICS screen flows for real-time updates to customer addresses, contacts, and emails.
- Implemented nightly batch validation jobs with cross-region data synchronization to ensure accurate account closure processing.
- Integrated external regulatory data feeds mainframe systems using FTP and custom parsing logic.
- Created REXX automation tools for JCL validation, syntax checking, and streamlined job submission processes.
- Tuned resource-intensive batch jobs using ICETOOL and SORT techniques to improve performance and reduce costs.
- Designed and implemented audit trail programs to monitor customer transactions, escalating anomalies to the fraud detection team.
- Developed DB2 audit triggers and archiving mechanisms in compliance with data retention policies.
- Coordinated with environment teams to manage LPAR job queues, batch slot allocations, and system resource monitoring.
- Played a critical role in month-end financial reconciliation batch jobs and generation of related reports.
- Maintained and supported COBOL-IMS modules handling passbook updates and counter deposit transactions.
- Managed over 60 batch job chains, ensuring smooth execution and resolving job failures promptly.
- Led disaster recovery test cycles across staging environments to validate system resiliency and failover procedures.
- Conducted root cause analysis for batch job failures, implementing fixes to minimize future disruptions.
- Provided technical guidance and documentation to junior developers and collaborated with cross-functional teams to meet business goals.

## **Client: Cap group, Irvine, CA**

## **Mainframe Analyst | | April 2015 – January 2017**

### **Responsibilities:**

- Developed COBOL modules for bill cycle processing, payment adjustments, and resolving billing disputes efficiently.
- Utilized DB2 and VSAM databases for customer data retrieval, billing calculations, and accurate invoice formatting.
- Designed and automated complex JCL procedures to handle rating, discounting, and late fee application logic.
- Modified and enhanced CICS programs to support new billing screen functionalities and provided on-call support for transaction failures.
- Played a key role in the multi-country rollout of tariff changes, aligning billing logic with varying currency requirements.



- Created assertive reports generating executive summaries, aging analysis, and payment collections tracking.
- Integrated billing system outputs with external print vendor systems via secure file generation and SFTP handoffs.
- Optimized nightly billing batch jobs, improving runtime by 20%, ensuring invoices were generated within SLA timelines.
- Diagnosed and resolved production abends by analyzing dump data and implementing permanent corrective measures.
- Documented detailed system flow diagrams, job dependencies, and data dictionaries for ease of maintenance and onboarding.
- Collaborated with middleware and QA teams to develop end-to-end test scenarios and prepare test data for billing validations.
- Conducted technical training sessions for freshers on COBOL programming and VSAM data handling, mentoring their development of unit test plans.
- Implemented batch job restart and recovery logic within JCL to minimize disruptions during billing cycles.
- Assisted business analysts in translating billing requirements into technical design and ensured timely delivery of enhancements.
- Maintained compliance with data security policies by controlling access and logging changes in billing application components.