

## PATHURI ABHILASH REDDY

### Mainframe Developer

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#### PROFESSIONAL SUMMARY:

- Mainframe developer with 7+ years of results-oriented, progressive experience in application development and support to batch & online processes hosted on an IBM mainframe, with a core focus in COBOL, DB2, JCL and VSAM, CICS on various domains
- Strong exposure in COBOL and JCL developing job flows, schedules and batch processing.
- Expertise in working with DB2 databases and in writing triggers, COBOL stored procedures and native stored procedures.
- Worked extensively on Scheduling tools like CA-7, Control-M, IBM Workload Automation for managing batch jobs, job dependencies, and job scheduling.
- Worked on entire Software Development Cycle right from Requirement Gathering, Converting Business requirements into technical specifications, Impact Analysis, Root cause Analysis for problems or incidents, Estimation, Design High Level and Detail, Coding, Maintenance, and production support. Unit testing and Integration Testing.
- Ability to handle projects using Agile, KANBAN and waterfall methodologies and demonstrated experience in all phases of project cycle, starting from requirement analysis, design, coding, testing, implementation, and post deployment activities.
- Created SQL Stored Procedures for jobs that ran on the IBM Z/OS Mainframe system.
- Developed transaction which use modern frontend UI and backend mainframe transaction, to re - use and retain core.
- Extensive experience in analysis, design, development, testing. UAT and deployment cycles of mainframe development.
- Experienced in version control tools like Change Man and Endeavor. Designed and coded a job monitoring tool using SARCH utility for pulling the job details from SAR and then create a report to Lob.
- Strong Experience with usage of IBM DB2 Utilities for LOAD, UNLOAD, FASTLOAD.
- Expertise in using common MF tools like TSO/ISPF, File Aid for DB2, SPUFI, PDSMAN, SOSE.
- Provided expert troubleshooting and problem resolution during on-call shifts, addressing issues such as system outages, performance degradation, and security breaches, often under tight time constraints.
- Very energetic, hardworking, highly self-motivated team player with strong problem-solving skills.

#### TECHNICAL SKILLS:

Key Skills	COBOL, JCL, Java, VSAM, DB2, SQL, CICS, TSO/E, IBM Utilities, REXX, IMS
Operating Systems	Z/OS, OS/390, Windows, Linux, MVS
Databases/File System	DB2, Microsoft SQL Server, Oracle, IMS DB, VSAM
Scheduling tools	CA-7, Control-M, IBM Workload Automation/IBM TWS
Tools	ISPF, SPUFI, Sy view for CICS, CICS Performance Analyzer, SMP/E, File Aid, Xpeditor, SAR, SDSF, Endeavor, Change Man, Expeditor, Abend-Aid, Mainframe Express, IBM MQ Series, IBM Debug tool, Jira, Git, BMC utilities, Database utilities, FTP, IDCAMS, DB2-File Aid, QMF.
Project Methodologies	Agile (Scrum), Waterfall

## **PROFESSIONAL EXPERIENCE:**

**Client: Asurion, Nashville, Tennessee**

**Jan 2025 - Present**

**Role: Mainframe Developer**

### **Responsibilities**

- Designed, developed, and maintained COBOL, JCL, CICS, and VSAM-based applications supporting device protection, claims processing, and customer service platforms.
- Enhanced and optimized batch and online programs to improve system reliability, reduce processing time, and support high-volume claims workflows.
- Performed analysis, coding, unit testing, debugging, and production deployment of mainframe components in alignment with IT consulting standards and SDLC practices.
- Collaborated with cross-functional teams—including business analysts, QA, and onshore/offshore development teams—to gather requirements and deliver scalable mainframe solutions.
- Created and modified JCL jobs, PROC scripts, and utility programs to support automated nightly batch runs and service order request processing.
- Worked extensively with DB2 for writing, tuning, and optimizing SQL queries supporting business-critical transactional systems.
- Troubleshooted and resolved production incidents, identifying root causes and implementing permanent fixes to ensure SLA compliance.
- Supported system integration and data migration activities across multiple platforms as part of modernization and digital transformation initiatives.
- Leveraged tools such as Endeavor/Changeman, File-Aid, Abend-AID, and XPEDITER for code management, debugging, and incident analysis.
- Participated in Agile/Scrum ceremonies, providing accurate estimation, sprint planning support, and iterative delivery of mainframe enhancements.
- Ensured compliance with security, audit, and data privacy guidelines while handling high-volume customer account and claims data.
- Utilized IBM MQ for reliable asynchronous messaging, integrating distributed applications with mainframe modules.

**Client: Deluxe, Minneapolis, Minnesota**

**Dec 2023 – Dec 2024**

**Role: Mainframe Developer**

### **Responsibilities**

- Developed and enhanced core mainframe applications supporting payment processing, check operations, and financial data workflows using COBOL, JCL, DB2, VSAM, and CICS.
- Designed, coded, tested, and deployed batch and online modules to support secure bank transactions and high-volume financial operations.
- Performed impact analysis, requirement gathering, and technical design for system changes related to payment automation, lockbox solutions, and treasury management systems.
- Optimized batch jobs and production workflows by tuning JCL, improving scheduling dependencies, and eliminating performance bottlenecks.
- Worked closely with business teams to translate financial product requirements into scalable mainframe solutions ensuring accuracy and compliance.
- Performed root cause analysis for production issues and provided timely fixes to system availability for mission-critical financial services.
- Developed and maintained IBM DB2 stored procedures, SQL queries, and data access layers supporting reporting, reconciliation, and audit processes.
- Collaborated with cross-functional teams including QA, DevOps, and infrastructure to support end-to-end testing, deployment, and monitoring.
- Ensured system compliance with financial regulations, security guidelines, data privacy standards, and internal quality controls.
- Created technical documentation, program specifications, test cases, and operational manuals to support ongoing maintenance and knowledge transfer.

**Client: Valley Bank, Morristown, New Jersey**

**Jan 2022 – May 2023**

**Role: Mainframe Developer**

### **Responsibilities**

- Developed, enhanced, and supported core banking mainframe applications including deposits, loans, payments, and batch settlement modules to ensure high system stability and performance.
- Analyzed business requirements and translated them into high-quality, scalable technical solutions supporting banking customers and internal operations teams.
- Performed coding, debugging, batch job tuning, and production defect resolution to maintain stable end-of-day and month-end processing cycles.
- Designed and executed unit, integration, and regression testing for new enhancements and change requests adhering to SDLC and regulatory standards.
- Created and maintained JCL streams and scheduling artifacts for core banking batch processes using tools like CA-Scheduler/Control-M.
- Collaborated with business analysts, QA teams, and cross-functional stakeholders to ensure timely delivery of mainframe releases for compliance, feature upgrades, and system modernization initiatives.
- Improved system reliability by optimizing VSAM datasets, DB2 queries, and CICS transaction flows to reduce processing time and system load.
- Supported incident management and production support, resolving priority issues within SLAs and ensuring seamless banking operations.
- Participated in code reviews, documentation updates, and process improvements to meet audit, compliance, and security requirements within the financial domain.

**Client: Leelam Technologies, Hyderabad, India**

**Apr 2018 – Dec 2021**

**Role: Mainframe Developer**

### **Responsibilities**

- Understand functional requirements, Query tracking & resolution and determine requirements stability.
- As a Developer, primary responsibilities included analysis, resource allocation, business support, user and client interaction, user acceptance testing and implementation.
- Coded mainframe development assignments in COBOL, modified tables in DB2, created job cards in JCL to run batch jobs, and modified online screens using CICS.
- Responsible for COBOL and CICS development with relational and IDMS database, DB2, SQL, TSO, Abend-AID, File-AID, QMF, Xpediter, IDCAMS, SyncSort, DB2 Load/Unload and Software development.
- Responsible for Code Check-out and Check-in procedure and Change Control creations/approval's follow-up using BMC Remedy.
- Responsible for creating several new CICS programs used to help drive development and maintenance of new online interface applications.
- Modified applications written in COBOL, CICS, Easytrieve2, IDMS and DB2/SQL and SPUFI.
- Evaluated the efforts involved for successful implementation of new products.
- Prepared Technical designs, Unit test plan & construct code as per technical /functional specifications.
- Responsible for managing scope, planning, tracking, change control, aspects of the project.

### **Education:**

Master of Science in Applied Computer Science, Southeast Missouri State University  
B. Tech (Computer Science & Engineering), J.B. Institute of Engineering and Technology