A H MANASA   - Project Engineer

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PROFESSIONAL SUMMARY

Dedicated and results-oriented Mainframe Developer with 3+ years of professional experience in application support, batch job automation, and Managed File Transfer (MFT) systems across healthcare and banking domains. Demonstrates excellent problem-solving, analytical, and teamwork skills with a proven track record of optimizing system performance and delivering secure, reliable enterprise mainframe solutions.

TECHNICAL SKILLS

Languages: COBOL, JCL

Databases: DB2, VSAM, Toad for DB2

Operating System: z/OS

Mainframe Tools: PWB, TechCentral, XACT, SDSF, SOLVE, STH PROD B2BI, B2BI PROD ON-PREM

Job Scheduling / Workload Automation: CA Workload Automation (CA WA), Control-M GUI

File Transfer & Integration Tools: Connect:Direct (NDM), Axway Sentinel, Axway B2BI, PGP Encryption, SFTP, SSH Keys

Incident / Version Control Tools: TMX, ServiceNow

Collaboration Tools: Cisco Finesse, Microsoft Outlook

Other Areas: Batch Processing, RCA, DB2 Optimization

PROFESSIONAL EXPERIENCE

- Wipro Ltd.

  Project Engineer | Mainframe Developer
  May 2022 – Present

- *Project*: **Northern Trust** – Transmissions (Banking & Financial Services Domain)

Role: Developer
Environment: Axway B2BI, Axway Interchange, Connect Direct (NDM), Control-M GUI, DB2 Connect, SDSF, SOLVE, Cisco Finesse, ServiceNow, PGP, SFTP, SSH Keys, z/OS

Description: The Transmissions platform enables secure and automated Managed File Transfers (MFT) across Northern Trust's global financial systems, ensuring reliable and compliant data movement for banking, fund administration, and asset servicing operations.

Responsibilities:
- Designed and maintained JCL jobs and COBOL utilities for encrypted data transfers and validation.
- Implemented PGP encryption and SSH/SFTP authentication to ensure data security.
- Managed MFT workflows using Control-M and Connect:Direct (NDM) across distributed environments.
- Monitored job queues and transfer status via Axway Sentinel, SDSF, and SOLVE with proactive failure recovery.
- Handled incidents, Change Requests, and RCA documentation through ServiceNow, ensuring SLA compliance.
- Supported Disaster Recovery (DR) and performed regular data integrity validation and failover testing.
- Collaborated with middleware, DB, and network teams to optimize data flow and transmission performance.

- *Project:* **CIGNA** – Production Support (Healthcare Domain)

Role: Production Support
Environment: COBOL, JCL, DB2, VSAM, CA WA Workstation, TechCentral, Toad for DB2, PWB, ServiceNow, z/OS

Description: The CIGNA Provider File (CPF) system serves as the main backend provider database for CIGNA, maintaining all provider demographic, qualification, and contract details. It automates flat-file ingestion and database updates via COBOL batch jobs, with contract and network data accessible through Provider Workbench (PWB).Responsibilities:

- Utilized CA Workload Automation (CA WA) and TechCentral for job scheduling, monitoring, restarts and handled abends.
- Executed SQL and DB2 queries using Toad for DB2 for data analysis, cleanup, and validation.
- Ensured data accuracy between backend DB2 and front-end PWB systems.
- Enhanced batch job dependencies and optimized performance, improving throughput and reducing reruns.

EDUCATION

Bachelor of Technology (B.Tech) – Electronics and Communication Engineering
Institute of Aeronautical Engineering, Hyderabad | 2019 – 2022 | GPA: 8.49 / 10

Diploma – Electronics and Communication
Government Institute of Electronics, Hyderabad | 2015 – 2018 | GPA: 85.9 / 100

SSC – Frobel's Garden High School, Hyderabad | GPA: 9.0 / 10

CERTIFICATIONS

- TCA PES – COBOL
- ADM-DB – DB2 SQL Programming
- TCA ADM-MF – CICS
- Google Cloud Certified – Associate
- GitHub Copilot
- Microsoft Azure Cloud Practitioner

ACHIEVEMENTS

- Received 6 organizational awards including Inspiring Performance, Building Trust, and Demonstrating Stewardship for outstanding contributions to project success.
- Earned 12 internal learning and performance badges in recognition of technical excellence and reliability.
- Appreciated by project leads for maintaining SLA compliance and ensuring consistent system stability in production environments.
- Recognized as a Habit Flagbearer for continuous improvement and professional consistency.

SELLING POINTS

Problem Solving & Decision Making | Good with People | Quick Learner | Strong Technical Adaptability