

## SHAWN ANSTON A

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### PROFESSIONAL SUMMARY

Accomplished Mainframe Systems Analyst with 9+ years of experience in legacy system modernization, production support, and cloud migration. Expert in COBOL, DB2, IMS, and CICS with proven success delivering cost-saving initiatives and leading cross-functional teams. Demonstrated ability to bridge legacy Mainframe environments with modern cloud architectures.

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### TECHNICAL SKILLS

**Mainframe Technologies:** COBOL, JCL, DB2 SQL, CICS, IMS DB, IMS PLI, TSO/ISPF, IBM Z/OS, REXX, TSO, VSAM, MQ

**Development Tools:** Xpediter, Endeavor, ISPW, Abend-Aid, File-Aid, File Manager, CA7, ServiceNow, Jira

**Modern Technologies:** AWS Cloud Services, Java Microservices (familiar), Angular, REST APIs (familiar)

**Methodologies:** Agile/Scrum, Waterfall, Kaizen, DevOps, Incident Management

**Core Competencies:** Requirements Gathering, System Analysis, Production Support, Database Migration, Legacy System Modernization, Stakeholder Management, Technical Documentation, Process Improvement, Application Support, Incident Management, AI integration.

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### PROFESSIONAL EXPERIENCE

#### System Analyst

Tech Mahindra | Automotive Industry Client | May 2022 – Jan 2026

*United States*

- Lead requirements gathering and analysis for Order Management System, Shipment Tracking System enhancements serving global operations
- Act as primary technical liaison between onsite stakeholders and offshore Mainframe development teams, ensuring seamless communication and delivery

- Coordinate cross-functional teams including Mainframe, Java, and Angular developers for integrated solution delivery
- Review technical deliverables, provide feedback, and validate implementations against business requirements
- Manage production incidents and day-to-day technical issues, ensuring minimal business impact and rapid resolution
- Facilitate agile ceremonies and sprint planning sessions using Jira for continuous improvement initiatives
- Partner with business stakeholders to translate complex business needs into actionable technical specifications
- Enabled the team and enhanced the workflow to leverage generative AI in daily activities.

#### **Key Projects & Achievements:**

- Provided actionable solution to leverage AI for day-to-day Mainframe codebase activities.
- Led cloud migration initiative for multiple on-premise applications to AWS infrastructure
- Designed and documented migration strategy for converting monolithic Java APIs into microservices architecture
- Migrated select Mainframe business functions to Java microservices while maintaining system integrity
- Created comprehensive technical documentation translating legacy Mainframe logic for modern development teams
- Collaborated with cloud architects to design scalable microservice structures optimized for AWS capabilities
- Enhanced Shipment Tracking System to support consigned inventory tracking at external warehouse locations

## Software Engineer

**Tech Mahindra** | Automotive Industry Client | Oct 2017 - May 2022 (4 yrs 8 mos.)

*Chennai Area, India*

- Provided production support for critical Inventory Control System supporting manufacturing operations
- Managed incident resolution through ServiceNow ticketing system, consistently achieving 99%+ SLA compliance
- Led Kaizen continuous improvement initiatives optimizing JCL batch processes and SQL programs
- Developed and maintained COBOL programs, stored procedures, and batch jobs for business-critical applications
- Performed impact analysis, unit testing, integration testing, and UAT coordination for system enhancements
- Participated in agile development using Jira for sprint planning and task management
- Supported migration from Endeavor to ISPW version control system with zero production incidents

### **Key Projects & Achievements:**

- Spearheaded Kaizen initiatives reducing CPU utilization by optimizing batch JCLs and SQL queries, saving millions in annual operational costs
- Developed REXX automation module for real-time CA7 job scheduler monitoring, reducing manual tracking effort from 30 minutes to under 1 minute (97% efficiency improvement)
- Led Endeavor to ISPW migration providing comprehensive testing, documentation, and knowledge transfer sessions
- Enhanced Shipment Tracking System integrating Angular frontend with Mainframe COBOL backend and stored procedures
- Collaborated with Java and Angular developers to create seamless integration between legacy systems and modern web interfaces
- Conducted root cause analysis for production incidents and implemented permanent corrective actions

## Associate Software Engineer

Tech Mahindra | Automotive Industry Client | Aug 2016 - Oct 2017 (1 yr 3 mos.)

Chennai Area, India

- Completed comprehensive Mainframe development training in COBOL, JCL, DB2 SQL, CICS, and IMS DB
- Mastered Mainframe development tools including Xpediter, Endeavor, Abend-Aid, File-Aid on TSO/ISPF interface
- Analyzed legacy system components to identify obsolete code by examining Endeavor repositories, submodules, and JCL usage
- Executed multi-year IMS to DB2 database migration project converting IMS DB calls to DB2 SQL statements
- Received specialized training in IMS PLI commands and applied knowledge to rewrite database access logic
- Developed COBOL programs and DB2 stored procedures for new Shipment Tracking System implementation
- Worked closely with onsite SMEs to ensure accurate requirement understanding and quality deliverables

### Key Projects & Achievements:

- Successfully converted multiple IMS databases to DB2, improving system performance and maintainability
- Documented and marked obsolete system components, enabling decommissioning of legacy code and reducing technical debt
- Contributed to development of Shipment Tracking System connecting Mainframe backend with Angular frontend
- Built strong foundation in legacy system integration with modern technologies

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## KEY ACHIEVEMENTS

- **Cost Optimization:** Led Kaizen initiatives reducing CPU utilization and saving millions in annual operational costs through JCL and SQL optimization

- **Automation Excellence:** Developed REXX module reducing job monitoring time by 97% (30 minutes to <1 minute)
  - **Cloud Migration Leadership:** Successfully migrated multiple legacy applications to AWS with microservices architecture
  - **Database Modernization:** Completed comprehensive multi-year IMS to DB2 conversion project for critical business applications
  - **Zero-Incident Migration:** Facilitated seamless Endeavor to ISPW transition with comprehensive testing and documentation
  - **Cross-Functional Leadership:** Successfully managed offshore teams while serving as primary stakeholder interface for Fortune 500 accounts
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## EDUCATION

### **Bachelor of Technology in Information Technology**

Anna University, Chennai, India | 2016

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## CERTIFICATIONS

- **AWS Certified Cloud Practitioner**
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## ADDITIONAL INFORMATION

- **Total Experience:** 9 years in Mainframe development and system analysis
- **Work Authorization:** H1B Visa
- **Current Location:** United States
- **Willing to Relocate:** Yes