**EDWARD MITCHELL**

Mainframe Developer

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**PROFESSIONAL SUMMARY**

Results-driven Mainframe Developer with 8+ years of experience designing, developing, and maintaining enterprise-level mainframe applications. Expert in COBOL, JCL, DB2, and CICS with a proven track record of optimizing system performance and implementing robust disaster recovery solutions. Skilled in collaborating with cross-functional teams to deliver high-quality software solutions that meet business requirements and exceed performance benchmarks.

**TECHNICAL SKILLS**

* **Mainframe Technologies:** COBOL, JCL (Job Control Language), CICS, DB2, VSAM, IMS DB/DC, TSO/ISPF
* **Programming Languages:** COBOL (COBOL II, COBOL/370, Enterprise COBOL), Assembler, PL/I
* **Database Management:** DB2, IMS, VSAM, SQL, DL/I
* **Tools & Utilities:** Endeavor, Changeman, File-AID, Xpediter, Abend-AID, SPUFI, QMF
* **Version Control:** Endevor, SCLM, Git integration for mainframe
* **Performance Tools:** IBM Strobe, Omegamon, BMC MainView, Compuware Strobe
* **Operating Systems:** z/OS, MVS, OS/390
* **Methodologies:** Agile, Waterfall, DevOps for Mainframe

**PROFESSIONAL EXPERIENCE**

**Senior Mainframe Developer**

*Financial Services Corporation* | Atlanta, GA | *January 2020 – Present*

* Design, code, test, and debug complex mainframe applications supporting critical banking operations processing over 5 million daily transactions
* Collaborate with business analysts and project managers to gather requirements and translate business needs into technical specifications for 15+ concurrent projects
* Develop and enhance mainframe applications using COBOL, JCL, DB2, and CICS, reducing processing time by 35% through optimization initiatives
* Perform comprehensive performance tuning of batch and online systems, improving system efficiency by 40% and reducing MIPS consumption by 22%
* Lead disaster recovery planning and implementation, achieving 99.9% system availability and RTO of less than 4 hours
* Mentor junior developers on mainframe best practices, code review processes, and performance optimization techniques
* Implement automated testing frameworks reducing defect rates by 28% in production environments

**Key Achievements:**

* Spearheaded migration of legacy COBOL applications to Enterprise COBOL, improving maintainability and reducing technical debt
* Developed disaster recovery procedures that passed all regulatory audits with zero findings
* Reduced batch processing window from 8 hours to 5.5 hours through strategic code optimization

**Mainframe Developer**

*Healthcare Technology Solutions* | Charlotte, NC | *March 2017 – December 2019*

* Designed and developed mainframe applications for healthcare claims processing system handling 2M+ claims monthly
* Created and modified COBOL programs, JCL procedures, and DB2 stored procedures to support new business requirements
* Performed root cause analysis and debugging of production issues, achieving 95% first-time resolution rate
* Collaborated with cross-functional teams including QA, infrastructure, and business stakeholders to ensure seamless project delivery
* Optimized DB2 queries and database design, improving query performance by 50% and reducing CPU utilization
* Developed comprehensive technical documentation for all applications and system modifications

**Key Achievements:**

* Successfully delivered 12 major releases with zero critical production defects
* Implemented performance monitoring solutions that proactively identified bottlenecks before impacting end users
* Reduced application response time by 45% through CICS tuning and code refactoring

**Junior Mainframe Developer**

*Insurance Services Group* | Richmond, VA | *June 2015 – February 2017*

* Assisted in coding, testing, and debugging mainframe applications for policy administration system
* Developed batch COBOL programs and JCL for data processing and report generation
* Participated in code reviews and implemented feedback to improve code quality and maintainability
* Supported production systems and resolved incidents within SLA requirements
* Created and maintained technical documentation for development procedures and application workflows
* Performed unit testing and supported integration testing efforts

**Key Achievements:**

* Completed comprehensive mainframe training program and achieved proficiency in COBOL, JCL, and DB2 within 6 months
* Contributed to successful year-end processing with zero critical incidents

**EDUCATION**

**Bachelor of Science in Computer Science**

Georgia Institute of Technology | Atlanta, GA | Graduated: May 2015

* Relevant Coursework: Data Structures, Database Systems, Software Engineering, Operating Systems

**CERTIFICATIONS**

* IBM Certified Application Developer - COBOL
* IBM Certified Database Administrator - DB2
* IBM z/OS Systems Programming Certification
* ITIL Foundation Certificate in IT Service Management

**PROFESSIONAL PROJECTS**

**Legacy System Modernization Initiative**

* Led technical team in modernizing 20-year-old COBOL applications while maintaining backward compatibility
* Implemented structured programming techniques and improved code documentation
* *Result:* 60% reduction in maintenance time and improved system reliability

**Mainframe Performance Optimization Program**

* Conducted comprehensive analysis of batch job streams and identified performance bottlenecks
* Redesigned critical batch processes and optimized DB2 access paths
* *Result:* Reduced monthly computing costs by $150K through MIPS reduction

**ADDITIONAL INFORMATION**

* Professional Memberships: COMMON, SHARE, International DB2 Users Group (IDUG)
* Languages: English (Native), Spanish (Conversational)
* Availability: Immediate | Open to relocation