Jairo R. Flores Salgado

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Valid Employment Authorization Document
Authorized to work in the US without restrictions
Visa sponsorship not required now or the future

Professional Summary

Results-oriented Senior Software Engineer with over 25 years of experience in IBM i, a proven ability on Software Development and a strong background in DB2 and SQL. I've spent nearly a decade working remotely, which has honed my ability to lead and collaborate effectively within Scrum teams. Throughout my career I held multiple roles that provided me with comprehensive experience in IT operations, security administration, and application development.

Skills

IBMi

- IBMi Development: CLLE, RPGLE, XMLs, APIs, Sockets, Webservices, IFS, RPG Open Access, QShell, MQSeries, POI Docs, NodeJS, SFTP, DDM, ICF, etc.
- SQL DB2: SQLRPGLE, DDL, DML, Stored Procedures, Triggers, Functions, Performance Tunning, and JDBC
- Aldon CMS, PDE/400 CMS, Git, CVS and SVN experience.
- J2EE: Java, JSPs, Servlets and Beans, using IBMi SQLRPGLE and DB2 SQL web service as backend.

Mobile and Web

- Mobile Development: Kotlin Jetpack Compose and Dart Flutter.
- Google Cloud Platform: Cloud Run, Cloud Functions, Firestore and Real Database, OAuth2.0, Storage, ML Kit.
- APIs with Golang and gRPC, NodeJS, MySQL, Postgres, JavaScript, jQuery, HTML5, CSS3, SASS, etc.
- Python with AI integration for Data Manipulation, Processing and Analysis.
- Long-time Linux user, with strong command line, package management, scripting, cloud deployments and system administration skills honed through extensive experience with diverse Linux and Unix distros.

Software Development

- SDLC with Agile Project Management.
- Leadership: Proven ability to guide and inspire teams.
- Collaboration: Skilled in working effectively with cross-functional teams promoting innovation and idea sharing.
- Communication: Good verbal and written communication skills.
- Problem-solving: Adept at identifying complex technical issues and developing creative solutions.
- Continuous Learning: Lifelong learner, committed to professional development.
- Mentoring and Coaching: Experience in supporting the growth of colleagues through mentorship and coaching.

Experience

IBMi-AS400 Senior Software Engineer   *Novacomp 09/2021 - Present*

Working Full Remote for client Bac Credomatic Group, Costa Rica Headquarters

- Modernize legacy RPG apps with Rational Open Access, by delegating I/O operations to new programs, while preserving legacy code functionality.

- Reduce overhead in legacy RPG applications (e.g. file open/close, sequential I/O, CPU intensive usage) through SQL optimization techniques, including blocking I/O, efficient indexing, and logical cursor grouping.
- Utilize VSCode tools and Rational Developer Tools for IBMi-AS400 software development.

Mobile and Cloud app developer

WDNica 01/2021 - Present

Worked fully remote for clients in Germany and Mexico.

- Develop mobile app using Flutter and Kotlin.
- Develop APIs using Google Cloud Run with Golang and gRPC, NodeJS and Python.
- Implement Firebase and Google Cloud Functions with Typescript, Python, and Golang.
- Manae Firebase services including Firestore DB, Real-time DB, OAuth2.0, Storage, IAM, and AI/ML kit.
- Apply Docker containerization for Google Cloud Run APIs.
- Create and handle Storage Buckets in GCP.

IBMi-AS400 and Java developer (e-IBS)

Datapro OVS 01/2015 – 09/2021

Worked fully remote in multiple time zones for client such as: Luxemburg Bank, International Ecuador Bank, Davivienda El Salvador Bank, Scotiabank Mexico and Lafise Group in Nicaragua.

- Develop and maintain IBMi-AS400 applications and J2EE for banking clients including Java Servlets, JSPs, Beans, Web 2.0, WebSphere Application Server, Sockets, Java POI reports, and RPG IBMi-AS400 technologies.
- Create and maintain applications for consuming and exposing DB2 Web services and RPG Web Services (SQL, REST, Soap, APIs and Integrated Web Services).
- Implement and update apps for EDI, ETL and ELT, handling XMLs, JSON, CSV, and Raw Data docs using Web Services, FTP, SFT, and sockets.
- Connect and manage data exchange between IBMi-AS400 applications and external MSSQL Databases.

IBMi-AS400 Spare Parts & Retail System Dev

Casa Pellas Group 08/2015 – 05/2018

- Develop and maintain IBMi-AS400 Spare Parts Inventory and Retail Systems.
- Work on Integration between JDE Edwards Enterprise One ERP and Spare Parts Inventory System and Retail System.
- Create applications for Consuming Web Services exposed on enterprise CRM system.
- Work as Agile Scrum Master working on the system backlog requirements.

AS400 Developer

BAC Credomatic Group 01/2003 – 01/2015

- Extensive experience with AS400 technology stack for In-house Credit Card and Banking systems, including CL, RPG, CLLE, RPGLE, and SQLRPGLE programs, Rational Open Access, ILE modules, Service programs, Subprocedures, Activations groups, Debugging, Data Management, MQ iSeries, Sockets, TCP/IP, HTTP, CGIDEV2, QShell, multi-threading, DDM and ICF. Also, DB2 SQL programming, Query Manager, Query/400, Triggers, Stored Procedures, SQL User Defined Functions, APIs for OS/400 and i5 Operating System.
- Develop and maintain AS400 applications including:
    - Backend for transactional applications, including Branch.Net, J2EE, and external providers APIs.
    - Web services, REST and Soap, for EDI, including XMLs, JSON, CSV, and Raw Data documents.
- Modernize RPG applications to Web Services and APIs and converted them to Web 2.0 using SQLRPGLE, Rational Open Access, ExtJS, HTML5, CSS3, JavaScript, Ajax, and JSON.
- Work on IBS Datapro banking applications and credit card processing systems.

AS400 Operator and Administrator

BAC Credomatic Group 10/2000 – 01/2003

- Experience in business processes deployment, including journaling analysis, major operating system upgrades, full system backup and restore, system and jobs performance, resources monitoring, business and administrative jobs scheduling, and continuous business process monitoring and reporting.
- Work on AS400 network configuration, DB2 database security, IFS file system administration, FTP/SFTP user security, SSH, TLS and HTTPS cryptographic configuration. Experienced configuring user, user groups, authorization lists, file security, audit management and objects authorization control.

Languages
Spanish and English Bilingual

Education

Systems Engineering
National University of Engineering • Managua
11/2001

Bachelor of Systems Engineering
UNIMET • Managua
07/2022