

JAIRO FLORES SALGADO

IBMi RPG-DB2 Software Engineer

+1 (916) 534 3747 • JairoFloresS@gmail.com • Sacramento, CA • linkedin.com/jairoflores • Fully Authorized to Work
• No Visa Sponsorship Required • Experience

PROFESSIONAL SUMMARY

Results-oriented Software Engineer with 24+ years of experience, highly skilled in software development and production support across the complete SDLC of IBMi and SQL DB2 products. Adept at end to end software design & development including requirement gathering, documentation, coding, unit & integration testing, and production support. Handles complex project management and coordination work very efficiently to deliver results. AI and Data Analyst advocate.

KEY SKILLS

- **IBMi Development:** CLLE, RPGLE, CGIDev2, APIs, TCP/IP Comms, IFS, MQ, QShell, Java POI, SQL/RPG/Rest Web Services, SFTP
- **SQL DB2:** SQLRPGLE, Query400, QM, DDL, DML, Stored Procs, Triggers, Functions, Performance Tuning and JDBC
- **J2EE:** Java, JSPs, Servlets, Beans, NodeJS, Typescript, JavaScript, jQuery, HTML5, CSS3, SASS • Aldon, Git, CVS and SVN
- **AI, Cloud and Mobile:** Python Data Analysis, GPTs APIs, Go, gRPC, NoSQL DB, GCP, Firestore and Shell Scripting

PROFESSIONAL EXPERIENCE

IBMi Senior Software Engineer

09/2021 - Present

Novacomp | Remote

Working for client BAC Credomatic group, the leading Financial Group in Central America, with more than 5 million clients

- Recruited to **modernize and optimize** legacy intensive transactions RPG and DB2 processes
- By using **SQL optimization** techniques, **DB tuning**, **RPG optimizations**, and implementing new technologies like Rational Open Access, reduced processing times by up to **90%** in some cases

IBMi and Java Developer

01/2015 - 09/2021

Datapro Inc | Remote

Datapro Inc. offers specialized data solutions for e-IBS (electronic banking systems) with more than 150 clients banks around the world.

Worked for Luxemburg Bank, International Ecuador Bank, Davivienda El Salvador Bank, Scotiabank Mexico and Lafise Group

- Developed and maintain **J2EE applications** with RPG and DB2 backend, enhancing the base code according to clients needs
- Maintained and created applications for consuming and exposing **web services**, including RPG, SQL, SOAP, Rest, APIs and IWS
- Implemented and updated apps for **EDI, ETL and ELT** of Data docs using Web Services, FTP, SFT, and sockets, also connecting IBMi apps and external MSSql

IBMi Spare Parts & Retail System Developer

08/2015 - 05/2018

Casapellas Group | Managua, Nic

Casa Pellas is the Leading Business Group in Nicaragua, sale of new cars, liquor, industrial machinery, tires, spare parts, motorcycles, marine engines and distribution of consumer products

- Enhanced the Retail system by connecting IBMi RPG and DB2 applications to web services exposed by the **CRM system**
- Worked on Integration between JDE Edwards Enterprise One **ERP** and Spare Parts Inventory System and Retail System
- Managed the system backlog as **Scrum Master**, leading cross-functional teams to deliver key requirements on time and in alignment with business objectives

AS400 Developer

01/2003 - 01/2015

BAC Credomatic Group | Managua, Nic

- Worked on in-house **Credit Card and Banking Systems**, developing, maintaining and providing production support for business applications
- Handled AS400 backend applications for **intensive transactional systems**, including the bank teller system and online banking branch
- Developed AS400 backend framework for **consuming Rest and Soap web services** and EDI operations with JSON, XML, CVS and raw data documents, providing a fast and reliable way to connect new companies to receive bank services
- Create a Web2.0 application with ExtJS framework and RPG backend for a migrated insurance system

AS400 Operator and Administrator

BAC Credomatic Group | Managua, Nic

BAC Credomatic group is the leading Financial Group in Central America, with more than 5 million clients

- Operated Data Center, performing nightly bank and card settlement processes, monitoring the ATM network, the POS network and the systems in general
- Refined and automated operators processes, enhancing the time used in manual tasks
- Performed business process deployments, journal extraction and analysis, major operating system backups and upgrades, and continuous business process monitoring
- Researched and Troubleshooted deployments problems and errors with all the countries in the group
- Managed AS400 network configs, DB2 security, IFS administration, FTP/SFTP security, SSH, TLS and HTTPS configs, user, user groups, auth lists, and objects authorization control

10/2000 - 01/2003

ADDITIONAL WORK EXPERIENCE

Mobile app and Cloud Developer

Freelance | Remote

- Hired as a Mobile Application Developer for client in Germany, on an Flutter app with Golang, PostgreSQL and gRPC backend. This app allowed the user to shoot, edit and upload exercise videos for peer-revising and voting
- Developed a Android Kotlin Mobile Application with Firebase and Google Cloud serverless technologies, involving the use of Python for Data Analysis, Golang for a Docker containerized Cloud Run Server, Typescript and Python for Cloud Functions, Firestore, Realtime DB, OAuth2.0, Storage Buckets, IAM and AI/ML Google Kit. This app allows users to consume and use GPT in a study focus way.

01/2017 - 12/2023

EDUCATION

B.S. Systems Engineering

National University of Engineering | Managua, Nic

The "Universidad Nacional de Ingeniería", is the top public university in Nicaragua

Not finished

01/1997 - 11/2001

B.S. Systems Engineering

Metropolitan University - UNIMET | Managua, Nic

Universidad Metropolitana

01/2018 - 07/2022

PROFESSIONAL DEVELOPMENT/AFFILIATIONS

- Certified Data Analyst, by Calbright College, '24