

# JAIRO FLORES SALGADO

## IBMi RPG-DB2 Software Engineer

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

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### 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**, Multithreading processes, 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