

# Jairo R. Flores Salgado

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9165343747

Sacramento, CA

<https://jairofloress.github.io/experience>

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

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## Summary

Results-oriented Senior Software Engineer with over 25 years of experience in both modern and legacy systems. Proven ability to lead and collaborate effectively within Scrum teams, tackling technical challenges and delivering high-quality solutions. Extensive expertise in IBM i (AS/400) technologies alongside J2EE/Java and modern mobile development using Kotlin/Compose, Flutter/Dart and Google Cloud Platform. Skilled in AI integration and data analysis with Python. Eager to leverage this diverse skillset to contribute to a challenging and innovative environment.

During my tenure at BAC Credomatic group, I held multiple roles that provided me with comprehensive experience in IT operations, security administration and application development that have helped me throughout my career to stand out and always be a reference in terms of innovation, administration and security within the IBMi.

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## Skills

### IBMi Related Skills:

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

### Mobile and Web Related Skills:

- 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 skills:

- 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.
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## Experience

### IBMi-AS400 Senior Software Engineer

Novacomp

09/2021 – Present

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

As a Senior Software Engineer at Novacomp, I contribute to a client Scrum team focused on addressing technical debt and implementing process optimization recommendations outlined in an IBM Healthcheck report. In this role, I provide leadership and collaborate closely with the team to resolve technical challenges, design efficient solutions, and implement high-quality software development practices. I am accountable for ensuring timely project delivery and driving continuous process improvement.

- Experience modernizing legacy RPG apps with Rational Open Access, by delegating IO to new programs without messing with the legacy code.
- Experience minimizing legacy RPG apps overhead (file open/close, sequential IO, CPU intensive use) by implementing SQL optimization (blocking IO, efficient indexing, cursors that group business logic).
- Experience working with VSCode tools IBMi-AS400 software development.

### Mobile Application Developer

WDNICA

01/2010 – Present

Worked fully remote for clients in Germany and Mexico.

Experience developing and publishing Android apps using Kotlin Jetpack Compose, Dart Flutter and Java. Experience implementing GPT AI for Android apps.

Experience using Python with AI integration for Data Analysis, Processing and Manipulation.

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.

Experience developing and deploying serverless mobile apps using Google Cloud platform:

- Cloud Run (APIs with Golang and gRPC, NodeJS and Python)
- Cloud Functions (Typescript, Python, Golang),
- Firebase (Firestore, Real Database, OAuth2.0, Storage, AI and ML kit)
- Docker and Kubernetes containerization
- Storage Buckets
- IAM admin

### IBMi-AS400 and Java Developer (eIBS-Datapro Banking System)

Datapro • Managua

01/2015 - 09/2021

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

As a Senior IBMi and J2EE Developer at Datapro, I had the privilege of working remotely for many client banks on the development and maintenance of the eIBS-Datapro Integrated Banking System. This involved utilizing the IBM i technology stack in conjunction with J2EE to create innovative solutions for the company's clients. Throughout my tenure, I leveraged my expertise in DB2-RPG and Java programming to deliver high-quality software, ensuring the system's stability and functionality.

- Development and maintenance of IBMi-AS400 applications and J2EE for client banks (Java Servlets, JSPs, Beans, Javascript, html5, JQuery, CSS3, Websphere Application Server, Sockets, Java POI reports, and RPG IBMi-AS400 technology stack).
- Developing and maintenance of IBMi-AS400 applications for consuming and exposing DB2 Web services and RPG WebServices (REST, Soap, APIs).
- Developing and maintenance of applications in IBM i for EDI (XMLs, JSON, CSV, Raw Data documents, etc.) using WebServices, FTP, SFT, sockets and everything in the IBM i technology stack.
- Developing and maintenance of IBMi-AS400 applications connecting, consuming and exposing data to MSSQL Databases.

## IBMi-AS400 Senior Dev Spare Parts Inventory & Retail System

Casa Pellas Group • Managua, Nicaragua

08/2015 - 05/2018

As a Senior IBMi Developer, I worked in the development and maintenance of apps using the IBMi technology stack for the Spare Parts Inventory System. My responsibilities included implementing seamless integration between JDE Edwards Enterprise One ERP and the Spare Parts Inventory System. Additionally, I gained hands-on experience as an Agile Scrum Master, effectively working and leading teams in agile application development practices.

- Development and maintenance of IBMi-AS400 Spare Parts Inventory System and Retail System.
- Experience on Integration between JDE Edwards Enterprise One ERP and Spare Parts Inventory System and Retail System.
- Development and maintenance of IBMi-AS400 applications for Consuming Web Services exposed on enterprise CRM system.
- Hands-on experience as Agile Scrum Master and solid experience of Agile application development.

## AS400 Developer

Grupo BAC-Credomatic • Managua

01/2003 - 01/2015

As an AS400 Developer for Banking and Credit Cards, I played a crucial role in various aspects of application development and maintenance included web services development, consuming and integration with external entities. I also contributed to the development and maintenance of transactional and graphical applications in .Net framework for RPG functionality exposure, and in-house applications for credit card processing.

- Heavily experienced using IBMi-AS400 technology stack for In-house Credit Card and Banking systems (CL, RPG, CLLE, RPGLE, SQLRPGLE, Rational Open Access, Modules, Service programs, Procedures, sub procedures, Activations groups, Debugging, Data Management, MQ iSeries, Sockets, TCP/IP, HTTP, IFS, CGIDEV2, FTP, SFTP, QShell, Multi-threading, DB2 SQL, Query Manager, Query400, Triggers, Stored Procedures, SQL User Defined Functions, APIs for OS/400 and i5 Operating System, etc.).
- Development and maintenance of IBMi-AS400 backend transactional applications (Branch.Net, J2EE, external providers APIs, etc.).
- Developing and maintenance of applications in IBM i for consuming Web services (REST, Soap) using IBM i technology stack.
- Developing and maintenance of applications in IBMi-AS400 for EDI (XMLs, JSON, CSV, Raw Data documents, etc.) using WebServices, FTP, SFT, sockets and everything in the IBM i technology stack.
- Conversion and Modernization of RPG applications into Web Services and APIs.
- Conversion and Modernization of RPG applications to Web2.0 (Rational Open Access, ExtJS, html5, css3, JavaScript, Ajax and json).
- Development and maintenance in IBS Datapro banking applications (Integrated Banking System).
- Development and maintenance of Credit Card processing applications.

## AS400 Operator and Administrator

Grupo BAC-Credomatic • Managua

10/2000 - 01/2003

I started as Data Center System Operator, responsible for maintaining and operating the iSeries Data Center. I played a key role in streamlining maintenance tasks through schematization and documentation. Additionally, I developed programs to enhance daily operations and support system operators.

Then I was promoted to Data Center Manager Assistant. In this position, I focused on optimizing and administering the RVI system for spool report management and streamlining email communication using TelexFax/400. I also provided support to the operations manager as responsible backup.

As400 System Administration Experience:

- Strong Experience in business processes change deployment, in using journaling and journaling analysis, experience in major operating system upgrades, full system backup and full system restore, system and jobs performance, system resources monitoring, business and administrative jobs scheduling, and continuous business process monitoring and reporting.

#### AS400 System Security Experience:

- Experience in network configuration, DB2 database security administration, IFS file system administration, FTP and SFTP user security configuration, SSH, TLS and HTTPS cryptographic configuration, manual an Powertech experience configuring user, user groups, authorization lists, file security, audit management and objects authorization control.

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## References

**Alvaro Rafael Lacayo** IT Director BAC-Credomatic Telephone +505 2274 4497

**Fernando Cuadra** General Manager Datapro Telephone +505 8670 8363

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## Languages

**Spanish** - Expert

**English** - Fluent

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## Education

### Systems Engineering

National University of Engineering • Managua

11/2001

### Bachelor of Systems Engineering

UNIMET • Managua

07/2022

