

David Salas Lorente

Systems Engineer | Full Stack Developer | IBM i AS400 Specialist & Legacy Systems Modernization

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Professional Profile

Systems Engineer with over 6 years of experience in software development, systems analysis, and hybrid infrastructure. Specialist in IBM i AS400 (RPGLE, SQL, SDA) with critical projects in payment systems and digital banking, as well as legacy system migration to cloud environments.

Skilled in Full Stack Development (Java, C#, Python, PHP, .NET, Angular, Node.js) and databases (Oracle, SQL Server, MySQL, PostgreSQL). Passionate about designing secure, scalable solutions aligned with international standards (PCI DSS, ISO 8583, EMV). Certified in Azure Fundamentals (AZ-900) and Agile methodologies (Scrum, Six Sigma).

Professional Experience

BAC Credomatic LATAM – Programmer Analyst 1 (IBM i AS400)

May 2022 – Present

- Administration and optimization of critical payment applications (POS, ATM, acquiring, issuers).
- Implementation of regulatory enhancements for Visa, MasterCard, and Amex, complying with international standards.
- Migration of legacy systems to modern environments with embedded SQL and best practices.
- Highlighted project: Dynamic Currency Conversion (DCC), enabling local currency payments and projecting a 25% increase in revenue for 2026.

Grupo Babel – Programmer and Estimation Analyst

2020 – 2022

- Development of solutions for clients such as SUTEL, BCIE, and BAC.
- Implementation in SharePoint, Power Apps, Power Automate, SQL Server, and .NET.
- Requirements gathering, QA Testing, and technical documentation.
- Highlighted project: Performance evaluation for BCIE, integrating automation and reporting.

NG Technology / ASOPROLESA – Programmer and ORM Support

2020

- Development of inventory systems with PHP, JavaScript, and MySQL.
- Implementation of ORM improvements and technical support.
- Freelance project: CRUD in Laravel, including technical manual and user training.

Education

- Bachelor's in Information Systems Engineering – Universidad Nacional de Costa Rica (2020)
- Diploma in Information Systems Engineering – Universidad Nacional de Costa Rica (2019)
- High School Diploma – Liceo Académico La Virgen (2013)

Certifications

- Microsoft Certified: Azure Fundamentals (AZ-900)
- Scrum Foundation Professional Certificate (CertiProf, 2020)
- Six Sigma Yellow Belt Professional (6sigmastudy, 2020)
- Udemy: RPGLE Modernization with VS Code
- Udemy: Advanced RPG Full Free with SQL and SDA

Technical Skills

- Languages: RPGLE, Java, C#, Python, PHP, .NET, JavaScript, TypeScript, Node.js, Angular
- Databases: Oracle, SQL Server, MySQL, PostgreSQL
- Infrastructure: Windows Server, Linux Red Hat, NAS Server, Cloud Migration
- Tools: Git, GitHub, GitLab, Power Apps, Power Automate, SharePoint
- Methodologies: Scrum, QA Testing, technical documentation

Languages

- Spanish: Native
- English: A1

Key Achievements

- 4 years at BAC Credomatic LATAM developing critical payment applications.
- Implementation of digital banking solutions meeting international security standards.
- Migration and optimization of legacy systems to cloud-ready environments.
- Full stack application development with technical documentation and user training.
- Certified in Scrum and Six Sigma applied to continuous improvement projects.