

Mario Ortega

Solutions Architect



Contact

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Medellín, Colombia.

About Me

Solutions Architect with 10+ years transforming businesses through technology. Systems engineer specializing in solution architecture, technical leadership, and enterprise modernization. Expertise in Java, Spring Framework, Azure, AWS microservices, and AI-driven development. Focused on creating scalable solutions that optimize processes and reduce operational costs.

Skills

- **Programming Languages:** Java, C, .NET Core, Python, TypeScript, JavaScript, Bash.
- **Frameworks & Technologies:** Spring Framework (Boot, WebFlux, MVC), NestJS, ReactJS.
- **Cloud Platforms:** AWS, Azure, Google Cloud Platform (GCP).

Experience

Solutions Architect

Sofka Technologies S.A.S. | Colombia

Jan. 2022 - Present

Led strategic technological modernization initiatives for enterprise clients. Designed Azure-based architectures for Femsa Mexico, optimizing insurance policy processes. Currently leading core system migration from Java 6 to Java 21 with microservices architecture for L.O. Trading, integrating AI tools like GitHub Copilot and Claude Code.

Key Accomplishments:

- Designed Azure-based TO-BE architecture for Femsa Mexico asset control
- Mentored multiple development teams as Account Technical Coach in Ecuador
- Leading legacy system modernization with Java 21 and Spring WebFlux microservices
- Integrated AI accelerators (v0 Vercel, GitHub Copilot, Claude Code) in development workflows

Technical Lead

Sofka Technologies S.A.S. | Colombia

Jan. 2021 - Dec. 2021

Directed multiple integration projects for Grupo Éxito's omnichannel program. Led development of payment systems, money transfers, and betting integrations for 7,000+ POS terminals. Managed fiscal consecutive system controlling 600+ stores.

Key Accomplishments:

- Successfully integrated 7,000+ POS terminals with national betting providers (BetPlay, RushBet, WPlay)
- Implemented mobile payment solutions with multiple wallets (Tuya, TIC Móvil Cafam, Rappi)
- Developed central fiscal consecutive system managing 600+ stores
- Led Renacer Textil platform enhancing textile sales performance

Development Consultant

Sofka Technologies S.A.S. | Colombia

Jul. 2019 - Dec. 2020

Participated in SUMATE program for Grupo Éxito's omnichannel transformation, contributing to three fundamental components of the digital ecosystem: e-commerce manager (Vtex - exito.com), product information manager (PIM), and order management system (OMS). Developed microservices with Spring WebFlux, implemented messaging with RabbitMQ, GCP Pub/Sub, and AWS SQS. Deployed solutions on Azure Kubernetes Services..

Key Accomplishments:

- Built critical integrations between PIM, OMS, and Vtex (exito.com) platforms
- Implemented CI/CD pipelines with Azure DevOps for microservices deployment
- Deployed scalable solutions on Azure Kubernetes Services (AKS)
- Contributed to omnichannel ecosystem serving millions of customers

Skills

- **Databases:** PostgreSQL, SQL Server, Oracle 11g, MongoDB, MySQL.
- **Architecture & DevOps:** Microservices, REST APIs, CI/CD, Docker, Kubernetes (AKS), Azure DevOps.
- **Messaging Systems:** RabbitMQ, Google Pub/Sub, AWS SQS
- **AI Development Tools:** GitHub Copilot, Claude Code, v0 Vercel.

Certifications

- **AWS Cloud Practitioner**
Expires Dec 7, 2025

References

- **Eduardo Lugo**
Auvik / Staff Software Engineer
Phone: (+57) 317 8954374
Email: ed20kg@gmail.com
- **Pedro Gonzalez**
Globant / Software Designer
Phone: (+57) 319 3308643
Email: 1pedrog@gmail.com

Experience

- **Applications Analyst**
INTELIX SYNERGY, C.A. / Venezuela Jan. 2018 - Jun. 2019
Assumed Technical Leadership role as part of the newly created technology company within the Ferretería EPA group. Led the Point of Sale System and all associated services (Spring and RMI) integrating the complete sales center system. Directed team for Electronic Invoice implementation in Guatemala, new store opening, and AS400 to Intel server migration.
Key Accomplishments:
 - Led Point of Sale System update from CRv2 to CRv3 (AS400 to Intel infrastructure migration)
 - Successfully opened new Guatemala store (EPA Store 4) with complete technical implementation
 - Implemented Electronic Invoice system ensuring Guatemala fiscal compliance
 - Modernized infrastructure replacing legacy AS400 servers with Intel architecture
- **Programmer Analyst**
Ferreteria EPA C.A./ Venezuela Feb. 2016 - Dec. 2017
Responsible for developing critical POS system modules including multi-threaded service queue handling sales returns, pending sales, quotations, and special orders. Led technical modernization from legacy RMI services to Spring REST for Guatemala operations.
Key Accomplishments:
 - Maintained and updated Services Queue technology ensuring optimal performance
 - Led modernization from legacy RMI services to Spring REST for Guatemala version
 - Optimized Returns Service with complete history tracking and local business rules adaptation
 - Developed new requirements for Point of Sale implementation in El Salvador
- **Development Analyst**
Venezolana del Vidrio C.A. / Venezuela Jun. 2015 - Dec. 2015
Maintained and improved incident management system, optimizing performance for growing data loads and system scalability requirements.
Key Accomplishments:
 - Optimized incident management system response time significantly
 - Implemented performance monitoring for data load impact assessment

Education

- **Systems Engineer**
I.U.P Santiago Mariño / Venezuela 2010 - 2015
- **Bachelor of Science**
U.E. Campo Solo / Venezuela 2004 - 2009