

# Randolfo E. Castillo A.

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## ***Systema Engineer, Solutions Architect, and ML Engineer Fellow***

Accomplished software engineering leader with extensive technical expertise and a proven track record of solving diverse challenges. Proficient in Java, Go, and Python, with hands-on experience in frameworks such as Spring, Fiber, and FastAPI, as well as distributed environments and various architectural styles. Certified Associate in the GCP Cloud with experience implementing efficient DevOps practices.

Expertise in designing, coding, and debugging web applications and backend services with precision. Proficient in database administration, including SQL Server, MySQL, PostgreSQL, MongoDB, and Elasticsearch, ensuring efficient data handling and recovery. Successful at managing multi-disciplinary teams and delivering exemplary project results by leveraging multiple architectural approaches.

Committed to continuous growth, currently building skills in cutting-edge areas such as AWS Architect ML Engineer, Rust, and Cybersecurity. Passionate about taking on challenges and driving digital transformation as an agent of change. Combines a broad skill set, leadership experience, and an unwavering commitment to innovation to deliver customer-centric value.

## **Work Experience**

### **TECHNICAL LEAD, BALANZ CAPITAL Argentina. 2022 - Present**

Orchestrated the design and implementation of comprehensive compliance strategies that resulted in a 60% increase in staff productivity and a 90% improvement in compliance rates to reduce non-compliance through a new internal customer-facing compliance system significantly.

**Stack: Golang, MSSQL, PostgreSQL, Elasticsearch, Fiber, Kibana, WSO2**

### **ADVANCED BACKEND TEACHER, DIGITAL HOUSE Argentina. 2022 - 2023**

Mentored and trained junior developers, fostering a culture of continuous learning and skill development to successfully contribute to their next critical projects and professional growth. Ratings per student 8/10

**Stack: Java, Golang, Kahoot, and Learning by playing**

### **TECHNICAL LEAD, MERCADO LIBRE Argentina. 2021 - 2022**

Led the optimization and maintenance of the Mercado Libre system, ensuring seamless generation of financial transaction submissions from Mercado Libre to MasterCard; reduced submission errors by 12% and improved transaction processing efficiency by 24%.

Accomplishments: Orchestrated transformative improvements and incremental refactoring at the system's core to maximize scalability, and security, and optimize performance to meet current and anticipated high demand.

**Stack: Golang, New Relic, Data Dog, AWS, AWS Step functions.**

**ARCHITECT SOLUTIONS, GLOBANT**  
**Argentina. 2019 - 2021**

Develop and implement strategies to improve existing systems by leveraging data-driven insights and implementing best practices to deliver a superior user experience and increase customer loyalty.

**Stack: Java 11, Elasticsearch, Kubernetes, SQL Server, AWS.**

**TECH LEAD, GLOBANT**  
**Argentina. 2019 - 2022**

Exceeded project goals by successfully delivering a scalable and highly reliable promotions system that enabled Prisma and its partners to effortlessly manage and track 100% of discount campaigns, driving customer loyalty and new business.

**Stack: Java 11, Spring Boot, Elasticsearch, SQL Server, Spock, Grail**

**JAVA DEVELOPER SOFTWARE DESIGNER, GLOBANT**  
**Argentina. 2018 - 2021**

Implemented innovative solutions to integrate third-party services and devices, resulting in 80% user satisfaction, 90% system availability, and 90% reliability for self-service banking stations.

**Stack: Java, C#, C++, Spring Boot, Card Reader, SOAP Bash, PowerShell, Grail**

**BUSINESS LEADER, PROMOTORA TANTALO**  
**Venezuela. 2007 - 2018**

Lead cross-functional teams of 15 to deliver world-class solutions, foster collaboration, and ensure 86% integration of software components

**Stack: Java, JBoss MSSQL, Mongo, Kafka, Maven**

**PROJECT MANAGER. HEAD ADMINISTRATION. TECH LEAD**  
**Venezuela. 2001 - 2007**

Transformed the Trinitarias Suites Hotel and its associated businesses by implementing state-of-the-art software solutions and architectural frameworks, driving 93% of operational workflows and facilitating seamless collaboration between functions.

## **Skills**

**Software Engineering** Java, Go, Python  
**Framework** Spring, Fiber, FastAPI  
**DevOps** Docker, Kubernetes, Terraform, Ansible  
**Event Bus** Kafka, NATS, RabbitMQ  
**Persistence** SQL Server, MySQL, PostgreSQL, MongoDB, Elasticsearch, Redis, DynamoDB, ScyllaDB

**Cloud Computing:** AWS and GCP  
**System architecture:** Microservices & API Rest, EDA & Distributed, Cloud-Native & Serverless  
**IT Methodologies:** Scrum, Leading SAFE, TOGAF, ITIL and CMMI  
**Leadership:** PM, BI, Strategy Formulation, Budget / Human Capital, Business Acumen, Risk Management, Customer Focus and Continuous Learning

## **Education**

- **Business Administration and Management General, IESA**
- **Accounting and Finance. Carabobo University**
- **Systems Engineering. IUPFAN**