Randolfo E. Castillo A.
Systems Engineer and Solutions Architect

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 Fast API, 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 Associate, Artificial Intelligence, Rust, Zig, 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.

Contact

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Education

Business Administration and Management General, IESA

Accounting and Finance. Carabobo University

Systems Engineering. IUPFAN

Latest certifications

Google Cloud Certified - Associate Cloud Engineer

Certified SAFe® 5 Agilist - Scaled Agile, Inc.

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

System architecture
Microservices & API Rest
EDA & Distributed
Cloud-Native & Serverless
SOA, Client-Server

Cloud Computing
AWS
EKS, ECS, Fargate, Lambda, API Gateway, RDS
GCP
GKE, Cloud Functions, Cloud Endpoint & Clouds Run, Cloud SQL, Firestore

IT Methodologies
Scrum, Leading SAFe
TOGAF, ITIL, CMMI

Leadership:
Project Management
Business Intelligence
Strategy Formulation
Budget / Human Capital
Management

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 significantly reduce non-compliance through a new internal customer-facing compliance system.

Stack: Golang, MSSQL, PostgreSQL, Elastic Search, 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, Kahoo, 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 30% and improved transaction processing efficiency by 24%.

Accomplishments: Orchestrated transformative improvements and incremental refactoring at the core of the system 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, Elastic Search, 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, Elastic Search, 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.