

Alejandro Salas Ladino

Guaranda, Ecuador · <https://portfolio.drkapps.com> · +593 99 290 7530 · alejandro.salas@drkapps.com

Software Developer with 7+ years of experience in Golang, Java (Spring Boot), JavaScript, and PHP, specializing in **microservices, applied AI, and cloud-native distributed architectures**.

Key strategic projects:

- **Mobile Banking Backend for Diners Club Ecuador**, reducing deployment failures by **40%** through critical process optimization and automated testing.
- **KFC integrations with Uber, Rappi, PedidosYa, and Banco Pichincha**, improving menu-sync and order-tracking traceability by **80%**.
- **Custom AI agents using OpenAI and MCP Server**, integrated with private client data through embeddings, vector databases, and RAG pipelines.

Core expertise:

- MCP servers, AI agents, embeddings, and vector store implementations.
- Machine Learning models for **churn prediction, upselling, and cross-selling**, trained with **Apache Spark**.
- Kubernetes (AKS/EKS/GKE), Istio Service Mesh, sidecar proxy, circuit breaking, rate limiting, and resilience patterns.
- Advanced deployment strategies: **Canary, Blue-Green**, and automated CI/CD pipelines.
- Observability with **ELK, Prometheus/Grafana**, and distributed tracing with **Jaeger**.

Recognized for optimizing processes, integrating complex technologies, and ensuring **high availability, scalability, and resilience** in mission-critical environments.

PROFESSIONAL EXPERIENCE

SOFKA, Outsourcing Diners Club

Backend Developer (Java Spring Boot)

Medellin, Colombia

June 2024–Present

- Developed **Backend-for-Frontend (BFF) services** to orchestrate the mobile app and integrate with BIAN-compliant banking services.
- Implemented **Event Sourcing, gRPC, and the SAGA pattern** to enhance consistency and system resilience.
- Integrated external services such as **Facephi (biometrics)** and **Okta/Auth0 (secure authentication)**.

GRUPO KFC

Fullstack Developer (Golang + Angular)

Quito, Ecuador

Mar 2022–June 2025

- Built a **menu dispatch and order tracking platform** for multiple delivery aggregators (Uber, Rappi, PedidosYa), leveraging **AKS, Golang, gRPC, Event Sourcing, message brokers, and MongoDB**.
- Implemented **CI/CD practices**, achieving an **80% reduction in deployment times** while improving reliability and delivery speed.
- Integrated **Banco Pichincha's "De Una" e-Wallet** into POS systems, generating **\$180,000 annual savings** for the company.

VIC-Data

Fullstack Developer (NestJS, Python, Ionic)

- Developed **AI agents leveraging LLMs, vector databases, and general-purpose functions** for conversational flows and client management.
- Developed AI model endpoints in Azure ML Studio, including Churn, Cross-Selling, and Upselling models.
- Designed and implemented ETL pipelines with Apache Spark for AI model training.
- Designed and implemented an **eCommerce platform and vendor management tools** (CatalogStore, Storemi).

LatamAutos

Fullstack Developer (PHP Laravel, NestJS + ReactJS)

CDMX, México
Mar 2019–Feb 2020

- **Refactored seminuevos.com and patiotuerca.com** from PHP to NestJS.
- Implemented **unit and integration tests**, reducing **deployment errors by 40%**.

Ecuaquimica

Fullstack Developer (Ionic + NestJS)

Guayaquil, Ecuador
Aug 2018–Mar 2019

- **Synchronized SQLite and OracleDB databases** using REST APIs, triggers, and state management.
- Developed **an application for diagnosing plant diseases (Black Sigatoka)**.

EDUCATION

UNIVERSIDAD de las FUERZAS ARMADAS - ESPE

Bachelor's Degree in Electronics and Telecommunications Engineering

Co-author of the paper: *"Development of a Gateway Server to Enhance Early Warning in Digital Terrestrial Television."*

DOI: [10.1007/978-3-031-70439-0_2](https://doi.org/10.1007/978-3-031-70439-0_2)

Quito, Ecuador
Mar 2023

Course Microservices Architecture with Kubernetes, AWS, Istio, and Spring Boot

Hands-on training in cloud-native design, service mesh, container orchestration, resilience patterns, and distributed systems.

Quito, Ecuador
Nov 2025

SKILLS

- Native Spanish, fluent English.