David Alejandro **Huertas Castellanos**

FULL STACK DEVELOPER · SOFTWARE ENGINEER

Bogotá, Colombia

☐ (+57) 301-695-8448 | ✉ huertas20971@gmail.com | ⌂ www.alejandro-huertas.com | ⌂ Alejandro2097 | in alejandro-huertas

"Full Stack Developer with 5+ years building scalable applications using Go, React, and AWS. Expert in microservices, REST/GraphQL APIs, and cloud-native DevOps practices."

Professional Summary

Full Stack Developer with 5+ years of professional experience building scalable, high-performance applications using Go (Golang), React, Node.js, and AWS. Proven expertise delivering production-grade microservices for leading e-commerce and financial platforms including MercadoLibre, Scotiabank, and Banco de Bogotá. Strong proficiency in REST/GraphQL APIs, gRPC, event-driven architectures (Kafka, Pub/Sub), and cloud-native DevOps practices. Experienced collaborating with cross-functional teams in Agile environments to deliver clean, testable, and well-documented code. Passionate about driving engineering excellence and continuous improvement.

Technical Skills

Frontend Development	React, Angular, StencilJS, TypeScript, JavaScript (ES6+), HTML5, CSS3, Responsive Design
Backend Development	Go (Golang), Node.js, Java, Spring Boot, Express.js, REST APIs, GraphQL, gRPC, Protobuf, Microservices Architecture, Concurr (goroutines, channels)
Cloud & DevOps	AWS (ECS, EKS, Lambda, S3, RDS, API Gateway, SQS/SNS), Terraform (IaC), Docker, Kubernetes, CI/CD (GitHub Actions, Jenki Observability (Prometheus, Grafana, OpenTelemetry)
Databases & Messaging	PostgreSQL, MySQL, MongoDB, Redis, Google Cloud Datastore, Kafka, Pub/Sub, Message Queues
Development Practices	Agile/Scrum, Test-Driven Development (TDD), Code Reviews, Git, Problem Solving, Cloud-Native Architecture

Professional Experience

MercadoLibre
Bogotá, Colombia (Remote)

FULL STACK DEVELOPER (BACKEND FOCUS) — *December 2023 - September 2025*

- Designed, built, and maintained scalable microservices in **Go (Golang)** for critical e-commerce flows (checkout, pricing, catalog) serving millions of users, using **REST**, **gRPC**, and **Protobuf**
- Collaborated with product managers, designers, and frontend engineers using **React** to define, refine, and deliver end-to-end technical solutions in **Agile** sprints
- Developed and maintained **RESTful APIs** and integrated with third-party services; implemented **GraphQL** endpoints for flexible data querying
- Implemented event-driven architectures using **Kafka** and **AWS SQS/SNS** (Pub/Sub) with idempotency and at-least-once delivery guarantees
- Deployed and managed applications on **AWS** (ECS, EKS, Lambda, S3, RDS), optimizing infrastructure for high availability (**99.9%** uptime)
- Optimized **PostgreSQL**, **MongoDB**, and **Redis** queries and caching strategies, reducing API response times from 220ms to **120ms**
- Designed and maintained **CI/CD pipelines** with GitHub Actions, enabling blue/green deployments and fast rollbacks; contributed to **DevOps** practices and infrastructure automation using **Terraform** (IaC)
- Wrote clean, testable, and well-documented code; led code reviews and drove engineering excellence by increasing test coverage from 45% to **75%** using **TDD**
- Instrumented services with **Prometheus**, **Grafana**, and **OpenTelemetry** for observability, reducing MTTR by **40%**
- Troubleshot, debugged, and resolved application issues across the full stack in production environments

Scotiabank
Bogotá, Colombia (Hybrid)

FULL STACK SOFTWARE ENGINEER — *July 2023 - February 2024*

- Delivered full-stack banking applications using **React** (frontend) and **Java/Spring Boot** (backend), participating in the full Agile development lifecycle
- Designed and implemented **RESTful APIs** for seamless integration between frontend and backend; collaborated with cross-functional teams to gather requirements
- Deployed and managed applications on **AWS** (Lambda, RDS, S3), reducing infrastructure costs by **25%** through efficient use of cloud services
- Implemented **CI/CD pipelines** and **Docker** containerization, improving deployment efficiency and reliability
- Applied design patterns and best practices to enhance scalability, maintainability, and performance of financial software solutions
- Led code reviews and enforced coding standards, driving engineering excellence across development teams

OCTOBER 28, 2025   DAVID ALEJANDRO HUERTAS CASTELLANOS · FULL STACK DEVELOPER   1

Banco de Bogotá
Bogotá, Colombia (On-site)

FULL STACK DEVELOPER
October 2021 - July 2023

- Developed responsive, user-friendly frontends using **React**, Angular, and StencilJS, improving user experience scores by **35%**
- Designed and implemented backend functionalities with **Node.js** and TypeScript for core banking applications processing **10,000+** daily transactions
- Built and maintained **RESTful APIs** enabling seamless communication between frontend and backend components
- Implemented **Infrastructure as Code (IaC)** using **Terraform** on **AWS**, reducing manual deployment tasks by **60%**
- Managed **MySQL** and **PostgreSQL** databases, optimizing queries and ensuring data integrity for high-volume financial transactions
- Participated in Agile ceremonies and collaborated with product managers and designers to deliver technical solutions
- Contributed to **DevOps** practices and **CI/CD** pipeline improvements for faster, more reliable deployments

Accenture
Bogotá, Colombia (On-site)

FRONTEND DEVELOPER
May 2021 - September 2021

- Developed enterprise applications using **Java 8/Spring Boot** (backend) and **Angular 11+** (frontend) for robust, scalable solutions
- Implemented **Docker** containerization, reducing deployment times by **70%** across multiple environments
- Participated in Accenture Academy **DevOps** program, acquiring advanced skills in **CI/CD pipelines** and cloud deployment
- Collaborated in Agile teams following best practices for the full software development lifecycle

FCB and FiRe
Bogotá, Colombia (On-site)

WEB DEVELOPER
August 2019 - April 2021

- Developed custom web applications using modern JavaScript frameworks and backend technologies tailored to client requirements
- Administered and optimized **MySQL** databases, improving query performance by **30%**
- Designed and built WordPress websites with user-friendly, performant interfaces
- Maintained data integrity and optimized data retrieval processes across multiple client projects

Education

ECCI University
Bogotá, Colombia

BACHELOR OF SCIENCE IN SYSTEMS ENGINEERING
March 2014 - April 2022

- Relevant Coursework: Software Engineering, Database Systems, Web Development, Cloud Architecture, Agile Methodologies
- Focus on modern full-stack development, microservices architecture, and cloud-native design

Languages

Spanish   Native
English   Professional Working Proficiency (B2-C1)

Additional Information

Technical Interests: Cloud-Native Architecture, Microservices, DevOps, Event-Driven Systems, Full Stack Development
Professional Focus: Scalable applications, performance optimization, Agile collaboration, engineering excellence
Availability: Immediate start, fully remote, open to international opportunities