

# EDWAR DIAZ RUIZ

✉ edwardiaz.dev@gmail.com ✦ 📞 +57 312 3244087 ✦ 🌐 github.com/BOTOOM ✦ 🌐 edwardiaz



Senior Full-Stack Developer passionate about architecting scalable and clean solutions. I specialize in maintainable code, cloud-native architectures, and bring expertise in AWS, GraphQL, TypeScript, Golang, and AI-driven solutions. Certified DevOps engineer with proven skills in serverless, CI/CD, and prompt engineering optimization. Excited to contribute to dynamic teams by ensuring high-performance, cost-efficient, and future-ready applications.

## EXPERIENCE

### Teravision Technologies

Remote

Senior Full-Stack Developer

Jan/2023 – Present

- Led the design and migration of cloud-native solutions, mentoring developers in best practices and scalability.
- Adopted AWS SAM serverless architecture, improving scalability, performance, and cost efficiency.
- Implemented Infrastructure as Code with AWS SAM and CloudFormation for automated deployments.
- Integrated services without public APIs through reverse engineering techniques.
- Maintained clean, documented code and achieved 90%+ coverage in unit tests.
- Performed a full security and architecture audit of a legacy system, identifying vulnerabilities with SonarQube and OWASP ZAP.
- Designed and deployed a modular, event-driven serverless architecture in Azure using Logic Apps, Functions, Storage services, and Queues.
- Optimized OpenAI prompts for clarity and efficiency, reducing tokens and costs while improving performance.
- Implemented monitoring and observability with Application Insights and KQL, enabling full visibility of serverless workflows.
- Deployed multi-environment infrastructure in Azure, including production, ensuring scalability and reliability across all required services.
- **Tech:** AWS SAM, CloudFormation, Azure Logic Apps, Azure Functions, Azure Durable Functions, Azure Blob/Table/Queue Storage, Application Insights, KQL, Event Catalog, Azure Foundry, Key Vault, OpenAI API, SonarQube, OWASP ZAP.

### Teravision Technologies

Remote

Intermediate Full-Stack Developer

Feb/2021 – Jan/2023

- Full-stack contributor across backend, frontend, and databases while ensuring maintainability and quality.
- Developed end-to-end solutions covering database, backend, and frontend.
- Wrote unit tests for backend components to ensure quality.
- Integrated apps with AWS, GCP, and third-party services.
- **Tech:** AWS, GCP, Golang, NestJS, MongoDB, Postgres, React, Angular, Redis, GraphQL, gRPC, Docker.

### Universidad Distrital FJC

Bogotá, Colombia

Development Team Leader

Sep/2020 – Feb/2021

- Directed a team of developers for a financial system, ensuring delivery, quality, and technical growth.
- Led a financial system project, trained devs in Golang, Docker, NestJS, MongoDB, Angular.
- Managed planning, task assignments, code reviews, and production deployments.
- **Tech:** Golang, Docker, NestJS, MongoDB, Angular.

### CaserolAPP (Freelance)

Remote

Full-Stack Developer & DB Manager

May/2020 – Jul/2020

- Developed the platform backend and database design while leading deployment pipelines.
- Designed DB models and implemented CRUD operations in Golang.
- Built backend with NestJS and advanced frontend features (Redux, lazy loading, Google Maps).
- Implemented CI/CD pipelines with Drone.io.
- **Tech:** PostgreSQL, Docker, AWS EC2, Golang, NestJS, Angular.

### Universidad Distrital FJC

Bogotá, Colombia

Technical Leader / Developer

May/2019 – Feb/2020

- Served as technical leader, delivering full-stack solutions and mentoring junior developers.
- Led and developed full-stack solutions with Angular, Golang, AWS, Postgres, MongoDB.
- *Tech: Angular, Golang, AWS, Postgres, MongoDB.*

## Plan Es Tic-UD

Web Developer

Bogotá, Colombia  
Nov/2018 – Mar/2019

- Contributed to frontend and backend development in a university digitalization project.
- Built DB schemas and REST APIs using Beego (Golang framework).
- Developed client-facing views with Angular 6.
- *Tech: Angular, Golang.*

## EDUCATION

**Universidad Distrital Francisco José de Caldas**

Bogotá, Colombia

B.Sc. in Systems Engineering

2014 – 2023

## CERTIFICATIONS

**AWS Certified Cloud Practitioner**

Issued

Amazon Web Services (AWS)

Dec/2022 · Expires Dec/2025

**AWS Certified Solutions Architect – Associate**

Issued

Amazon Web Services (AWS)

Jun/2025 · Expires Jun/2028

## COURSES

- Learn Docker from Zero to Swarm and Kubernetes (Udemy, 2020).
- Angular: From Zero to Expert (Udemy, 2021).
- Software Testing with Postman & API Testing (Udemy, 2021).
- Learn to Program with Go (Udemy, 2021).
- Mastering Git (Pluralsight, 2022).
- Advanced Git 2 Techniques (Pluralsight, 2022).
- Microsoft Azure Developer: Implementing Table Storage (Pluralsight, Mar/2025).
- Prompt Engineering Course (Platzi, Aug/2025).
- Effective Cost Management for Generative AI (Pluralsight, Aug/2025).

## TECHNICAL SKILLS

- **Programming:** TypeScript, Golang, Node.js, Python, GraphQL.
- **Frontend:** React, Angular, Next.js, HTML, CSS.
- **Backend:** AWS SAM, Flask, NestJS, FastAPI, Azure Functions, Durable Functions.
- **Databases:** PostgreSQL, MongoDB, Redis, Azure Table Storage.
- **Cloud/DevOps:** AWS, GCP, Azure, Docker, Serverless, CI/CD.
- **Security & Monitoring:** OWASP ZAP, Event Catalog, Application Insights, KQL, logging & observability.
- **AI/ML:** OpenAI API integration, Document Intelligence, prompt engineering.
- **Tools:** Git, GitHub, Drone.io, CloudFormation, Notion.
- **Languages:** Spanish (Native), English (B2).