

Stefany Ramos Alvis

Backend Software Engineer | Node.js · TypeScript · PostgreSQL · AWS · Docker

Medellín, Colombia

<https://stefalv.com>

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Backend Software Engineer with 1.5+ years of experience designing, building, and scaling secure and well-documented **APIs** in production. Strong foundation in **Node.js, TypeScript, PostgreSQL, and AWS (S3, API Gateway, RDS, Lambda)**, with additional experience in **Docker, GraphQL**, and low-code tools (**Bubble.io**). Skilled at backend design, error handling, and cloud integrations, while comfortable working end-to-end across the stack when needed. Recognized for writing clean, maintainable code, collaborating in 100% remote international teams, and delivering scalable solutions with ownership and adaptability.

PROFESSIONAL EXPERIENCE

Continental Venture Capital

Software Engineer

United States (remote)

Feb 2025 – July 2025

- Designed and deployed unified **REST & GraphQL APIs** for an education platform, reducing frontend response time by 40% and enabling multiple interface integrations with a shared backend logic.
- Engineered backend services using **Next.js**, API routes and **MongoDB**, implementing clean separation of concerns between routing, business logic, and data access for educational content modules.
- Containerized the project with **Docker**, streamlining collaborative development and ensuring environment consistency across all workflow stages.
- Automated development environment setup using **Helm charts and Kubernetes**, ensuring consistent deployments across local and cloud environments.
- Integrated **Amazon S3** for managing files and multimedia resources, such as study materials and audiovisual content.
- Implemented **GraphQL** to optimize data consumption on the frontend, creating schemas, resolvers, and queries tailored to the app's specific needs.
- Documented both the REST and GraphQL APIs using **Swagger**, ensuring clear communication across teams and facilitating future integrations and maintenance.
- Proactively identified and resolved critical bugs, authored internal documentation, and supported knowledge transfer within the backend team.
- Integrated **Clerk** for authentication and user management, handling sign-up flows, sessions, and access control with minimal friction.

Freelance

Backend Developer

Medellín, Colombia (remote)

Apr 2024 – Jan 2025

- Designed and implemented production-ready AWS architectures using **Lambda, S3, API Gateway, and RDS**, achieving cost-efficient and secure deployments.
- Integrated **RESTful APIs** by developing and maintaining interfaces using **Node.js and Express**, facilitating communication between microservices and front-end applications.
- Developed **Lambda** functions to automate processes and enhance system scalability, including event management from **S3** and integration with **PostgreSQL** databases.
- Implemented security policies in AWS using **AWS IAM**, ensuring that **cloud infrastructure** meets security standards.

- Collaborated with development teams to integrate solutions in **AWS**, ensuring compliance with requirements and correct system functionality.

diidoo S.A.S

Medellín, Colombia *(remote)*

May 2023–Nov 2023

Full Stack Developer

- Built and optimized the company's marketplace using **Bubble.io**, improving user experience and sales conversion.
- Integrated applications, databases, and services across the company while collaborating with multidisciplinary teams under **Scrum**.

Other Professional Experience

Dentist

Medellín, Colombia

Feb 2020 – Jan 2023

EDUCATION

HENRY (+800 hrs)

Full Stack Web Developer

Buenos Aires, Argentina

Feb 2024

UNIVERSIDAD DE ANTIOQUIA

Dentist

Medellín, Colombia

Dec 2019

CERTIFICATIONS AND TRAINING

- AWS Cloud Technical Essentials – Coursera / AWS
- Containers & Kubernetes Essentials – Coursera / IBM
- Introduction to MongoDB – Coursera / MongoDB
- Foundations of Software Testing and Validation – Coursera / Univ. of Leeds.

LANGUAGES

- Spanish: Native
- English: Advanced (C1)