

Stefany Ramos Alvis

Backend Developer · Node.js · TypeScript · PostgreSQL · AWS · Docker

Medellín, Colombia

<https://stefralv.com>

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Backend Developer specialized in building secure, scalable, and well-documented APIs using Node.js, TypeScript, and PostgreSQL. Experienced in designing cloud architectures with AWS (Lambda, S3, RDS) and Docker. I also have experience developing solutions on low-code platforms like Bubble.io, applying custom logic and backend integrations. Passionate about clean code, system performance, and long-term maintainability. Proven ability to work effectively in 100% remote teams, adapt quickly to challenges, and contribute proactively with a strong sense of ownership.

PROFESSIONAL EXPERIENCE

Continental Venture Capital

Software Engineer

United States (remote)

Feb 2025 – Present

- 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.
- Integrate RESTful APIs by developing and maintaining interfaces using Node.js and Express, facilitating communication between microservices and front-end applications.
- Develop Lambda functions to automate processes and enhance system scalability, including event management from S3 and integration with PostgreSQL databases.
- Implement security policies in AWS using AWS IAM and Cognito, ensuring that cloud infrastructure meets security standards.

- Collaborate 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

- Development and optimization of the company's marketplace using Bubble.io, ensuring a smooth and efficient user experience to increase sales conversion.
- Collaborate closely with multidisciplinary teams to integrate applications, databases, and services across the company, ensuring effective communication between all systems while applying agile methodologies (Scrum) to ensure effective project management and continuous value delivery.
- Maintain a constant focus on continuous improvement by updating knowledge through self-directed research and adopting industry best practices to drive innovation in projects.

Other Experiences

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, 2024
- The Web Developer Bootcamp – Udemy, 2023
- Containers & Kubernetes Essentials by IBM (in progress) – Coursera / IBM Skills Network, 2025

LANGUAGES

- Native Spanish
- Advanced English