Stefany Ramos Alvis

Backend Developer

Medellín, Colombia

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Backend Developer with over a year of experience in software development for startups. Specialized in building robust and scalable APIs using Typescript, Node.js, Express, PostgreSQL, and MongoDB. Experienced in developing cloud-based solutions with AWS (S3, Lambda, API Gateway, RDS), using Docker for containerization, and documenting APIs with Swagger. Familiar with GraphQL and backend use of Next.js. Passionate about performance optimization, security, and clean architecture design. Committed to continuous learning and constant improvement.

PROFESSIONAL EXPERIENCE

Continental Venture Capital   **United States** *(remote)*

Software Engineer   *Feb 2025 – Present*

- Built a REST API and a GraphQL API within the same backend project, enabling flexible access to shared data from different interfaces in the context of an educational web app for high school and university students.
- Developed the backend using Next.js, managing routes, business logic, and data access from a MongoDB database, structuring collections related to courses, topics, subtopics, and other educational resources.
- Containerized the project with Docker, streamlining collaborative development and ensuring environment consistency across all workflow stages.
- 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.
- Actively contributed to identifying and resolving technical issues, as well as documenting backend endpoints and internal processes clearly.

Freelance   **Medellín, Colombia** *(remote)*

Backend Developer   *Apr 2024 – Jan 2025*

- Design and implement cloud solutions with AWS, configuring and managing services such as S3, Lambda, API Gateway, and RDS to ensure an efficient and secure workflow.
- 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

- Develop and optimize the company's marketplace, 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   **Medellín, Colombia**
Dentist   *Feb 2020 – Jan 2023*

EDUCATION

HENRY (+800 hrs)   **Buenos Aires, Argentina**
Full Stack Web Developer   *Feb 2024*

UNIVERSIDAD DE ANTIOQUIA
                                                                    Medellín, Colombia
Dentist   *Dec 2019*

CERTIFICATIONS AND TRAINING

- AWS Cloud Technical Essentials. Coursera 2024
- The Web Developer Bootcamp. Udemy 2023

LANGUAGES

- Native Spanish speaker.
- English C1