

# Sebastian Gomez Sobrino

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*Backend Developer, specialized in scalable and cloud-based systems. I improved the performance of multiple systems by 40% through backend architecture optimization and database query tuning. I reduced server response times by 40% with efficient API design and advanced deployment strategies.*

## PROFESSIONAL EXPERIENCE

### Korner

Backend Developer

Barranquilla, Colombia

October 2024–Present

- Develop and maintain scalable distributed systems in the cloud, ensuring their performance and reliability.
- Design and implement robust APIs using **Ruby** and **Ruby on Rails** to support mobile and desktop applications, enhancing user experience and functionality.
- Author reliable code and tests, boosting team performance and codebase stability. Enhance user interaction and ensure security through robust authentication and data handling, supported by clear documentation.
- Collaborate with cross-functional teams, including Tech Leads, QA, and other developers, to align progress with long-term roadmaps.
- Establish and maintain team workflows, providing visibility into project progress and ensuring balanced workloads for consistent, visually cohesive designs.
- Proactively identify and resolve bottlenecks by profiling and analyzing system performance.
- Build prototypes to validate concepts and troubleshoot complex technical challenges effectively.

### VitalApp

Backend Developer

Barranquilla, Colombia

February 2023–October 2024

- Designed and developed the backend of a web application for managing diabetes and hypertension cases in Bucaramanga and Bogotá, leveraging **Python**, **Django**, and **Heroku** for deployment.
- Built and optimized database models to handle patient records and related health data efficiently, storing the database in the cloud using **AWS** RDS for high availability and scalability.
- Developed RESTful APIs to integrate the backend with the frontend, ensuring secure and seamless communication.
- Ensured scalability and reliability by deploying the application on Heroku, adhering to cloud best practices.

## EDUCATION

### CORPORACIÓN UNIVERSITARIA LATINOAMERICANA

Faculty of Engineering  
Computer Systems Engineering

Barranquilla, Colombia

January 2023–Present

## SKILLS

Python | Django | Ruby | Ruby on Rails | Java | MySQL | Bash | Git | HTML | CSS | React | Heroku | AWS