



# Samuel Alvarez Henao

Full-Stack Developer                      Medellin, Colombia

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## ABOUT ME

- Junior Full-Stack Developer experienced in building modern web applications using JavaScript, TypeScript, Java, and PostgreSQL. Strong focus on backend architecture, API design, and deploying reliable and scalable systems. Currently expanding knowledge in AWS and DevOps tooling.

## PROJECTS

### UNIVGO

June 2025 – Present

- University facility reservation platform
- Built secure JWT-based authentication and session management for the platform.
- Developed reservation modules using React + NestJS, ensuring reliable booking flow with server-side validation.
- Designed and integrated backend services with PostgreSQL, enabling structured and scalable data handling.
- Collaborated in an Agile environment, participating in sprint planning and feature delivery.
- <https://github.com/JaaysCode/UnivGo>

### FREELY

August 2025 - December 2025

- Freelancing web page
- Java, SpringBoot, NextJS, Supabase (PostgreSQL), SCRUM (JIRA), Design Patterns, SOLID
- Delivered the complete homepage (frontend and backend), implementing server-side rendering for improved performance.
- Developed the user registration and authentication flow with secure password handling and token-based login.
- Applied SOLID principles and design patterns to maintain clean and scalable backend architecture.
- Worked with SCRUM methodologies to plan, track, and deliver project milestones.
- <https://github.com/SamAl404/front-freely> / <https://github.com/santiagogr05/back-freely>

## EDUCATION

University Institution ITM                      Medellin, Colombia  
Software Development                      2023 - 2026  
Relevant courses: Programming Logic, Data Structures, Software Programming, Database Design, Information Systems Design

## SKILLS

**Frontend:** TypeScript, NextJS, React  
**Backend:** TypeScript, NestJS, Express, Java, Spring Boot, REST APIs  
**Databases:** PostgreSQL  
**Tools:** Git, Linux  
**Concepts:** SOLID, Design Patterns  
**Language:** Spanish (native), English (Fluent)