

# Santiago Uribe-Gil

Bilingual – Native English & Native Spanish

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## PROFILE

Final semester Software Engineering student focused on solutions architecture and cloud/app development. Analytical and resourceful, driven by innovation and teamwork to transform ideas into secure, scalable digital solutions.

## EDUCATION

### Universidad Autónoma de Manizales

*Software Engineering*

Manizales, Colombia

Aug. 2021 — Jul. 2026

## EXPERIENCE

### National Federation of Coffee Growers of Colombia

*Software Engineer Apprenticeship*

Manizales, Colombia

Aug. 2025 — Dec. 2025

- Developed an application to manage the end to end process of shipping coffee plants to coffee growers for all of Caldas across a **COP \$800+ million** resource allocation.
- Eliminated 100% of manual labor** by developing a **JavaScript** automation that generates PDFs from Google Sheets, adding Google Drive Images.

### Terraferme S.A.S.

*Software Engineer (Remote)*

Bogotá, Colombia

Apr. 2025 — Oct. 2025

- Led development for a **RESTful** digitalization tracking platform using **React**, **Node.js**, **PostgreSQL**, and **Prisma**, managing **400+** records per project across multi-stage workflows valued up to **COP \$350M each**.
- Architected and deployed the system, using **Docker**, an **Ubuntu VM**, **NGINX** and GitHub Actions **CI/CD** to **reduce deployment time by 75%**.

### Universidad Autónoma de Manizales

*Teacher Assistant – (Computer Science Department)*

Manizales, Colombia

Aug. 2022 — May 2025

- Provided one-on-one assistance to over **100** first-semester engineering students in the 'Introduction to Programming' **C++** course.

### Artificial Intelligence Research Club

Jan. 2025 — May 2025

- Researched, documented and developed a **YOLOv5m-based** food detection model integrating **PyTorch**, **Clarifai**, and **EDAMAM APIs**.

### Frontend Developer – (Events and Certificates Web Application)

Feb. 2024 — Sep. 2024

- Created an acceptance feature for administrators using **PHP** and **Vue**, enabling administrators to grant certificates to **2000+ users**.
- Co-designed **entity-relationship diagrams** for the database, providing scalable architecture following best practices.

## PROJECTS

### Productos del Alba S.A.S.

React, Node.js, ExpressJS, PostgreSQL

- Transformed the company's manual workflows by creating a full-stack web application that eliminates paperwork redundancy, cutting staff processing time from **2.5 hours to 5-10 minutes**.

### LIFT | Source Code

React Native, Node.js, ExpressJS, AWS (EC2, RDS-Postgres), Expo

- Designed and developed a mobile workout tracker to streamline fitness tracking through an **external API of 1,000+ exercises**.

## TECHNICAL SKILLS

**Certifications:** AWS Certified Cloud Practitioner (Oct. 2025); EF SET C2 Proficient (2025); MATLAB Deep Learning (2023); MATLAB Machine Learning (2023)

**Programming Languages:** JavaScript, TypeScript, Python, Java, HTML, CSS, C++, SQL, Swift, PHP, Lua

**Tools/Practices:** AWS (Certified), Linux, Docker, Nginx, Git, Gitflow, GitHub Actions, CI/CD, Apache, Iconix, SCRUM, Postman, Jira, Power BI, Swagger, Agile, RESTful API, Figma

**Frameworks/Technologies:** NextJS, React, Redux, Tailwind, Angular, React Native, Vue, NodeJS, ExpressJS, NestJS, Laravel, Spring, Spring Boot, Expo, DynamoDB, MongoDB, MySQL, PostgreSQL, MariaDB, Oracle