

# JUAN ANDRÉS ARDILA

SOFTWARE ENGINEER & PROJECT MANAGER

## CONTACT

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## SKILLS

### Programming Languages

- Python, Typescript, JavaScript, Java

### Concepts

- Agile Methodologies, REST APIs, CI/CD

### Frameworks

- Flask, NestJS, Angular

### Database Management Systems

- PostgreSQL, GraphQL, Redis, MySQL

### Tools

- Git, JIRA, Figma, Postman

### Cloud & DevOps

- AWS, Docker, Google Cloud, Github Actions

## EDUCATION

### M.Sc. in Software Engineering

Universidad de los Andes  
Bogotá, Colombia  
2023 – Expected Sept 2025

### B.Sc. in Mechatronics Engineering

Universidad Nacional de Colombia  
Bogotá, Colombia  
2017–2022

## LANGUAGES

- English - Proficient
- Spanish - Native

## SUMMARY

Detail-oriented and goal-driven Software Engineer with a strong background in engineering project management and an ongoing master's in software engineering from Universidad de los Andes. Experienced in leading infrastructure and security system implementations and building scalable full-stack applications. Currently seeking to transition into a software architecture role and lead high-performing development teams in AI-driven environments.

## EXPERIENCE

### Project Engineer (Full-time)

H323 Telecomunicaciones • Jul 2022 – Present

- Managed and executed engineering projects in fire detection, access control, and CCTV across Colombia.
- Responsible for client communication, budget control, and technical oversight.
- Coordinated with technicians, vendors, and designers to ensure timely delivery.
- Simultaneously developed technical software projects during master's studies.
- Gained strong leadership, communication, and client-facing skills essential for managing technical teams.

## PROJECTS

### CCP Inventory and Sales Platform

Master's Project • Jan 2025 – May 2025

- Built a full-stack web application to manage product inventory, sales goals, and warehouse stock across multiple regions.
- Implemented multilingual support (Spanish, English, Portuguese) and responsive design using Angular standalone components.
- Developed backend in Flask with PostgreSQL, role-based access control, and JWT authentication implementing a microservices architecture.

## ADDITIONAL INFO

- Passionate about AI and software architecture
- Open to relocating or working fully remote
- Looking to grow into technical leadership roles in global teams
- Available for interviews in English or Spanish