

# Andrés Felipe Quiroga Martín

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## Professional Summary

Software Engineering student specializing in data analytics and full-stack development. Experienced in turning data into actionable insights and scalable applications. Passionate about leveraging cloud and AI-driven technologies to support smarter decision-making and collaboration in global environments or remote roles.

## Education

Pontificia Universidad Javeriana — Systems Engineering, B.Sc. (Expected Graduation: July 2026)  
Relevant coursework: Data Analytics, Full-Stack Development, Artificial Intelligence.

## Work Experience

### Data Analyst Intern — Pontificia Universidad Javeriana · Jun/2025 – Nov/2025

- Implemented a Python + SQL data pipeline that reduced duplicate partner records by 83% (from 106 to 18), improving dataset join success and reliability of reporting.
- Designed an interactive Power BI dashboard (10 priority locations, 5 KPIs), cutting decision-making time and enabling more effective resource allocation.

## Projects

### Gender Pay Gap Analysis in Colombia — Data Analyst · Mar/2025 – Jun/2025 | [Document](#)

- Authored a 30-page reproducible analysis using Python (pandas, matplotlib) exploring multi-decade labor datasets to quantify wage gaps by sector and region.
- Performed time-series and regression analyses, identifying persistent disparities and delivering actionable policy recommendations.

### Fullstack Veterinary Web App - Aug/2024 – Nov/2024 | [Backend](#) / [Frontend](#)

- Developed a clinic management system using Spring Boot (backend), Angular (frontend), and PostgreSQL, with modules for patients, appointments, and admin dashboards.
- Implemented RBAC-secured CRUD services, reducing admin time and ensuring consistent data handling.

### Veterinary Pet Walking Mobile Application - Aug/2024 – Nov/2024 | [Repository](#)

- Built real-time location sharing (Firestore + background geolocation), allowing owners to track active walks and increasing transparency.
- Integrated Google Maps SDK + Directions API to provide turn-by-turn navigation, optimized multi-stop routing, and ETA calculations.

## Skills

- Languages & Frameworks:** Python, Java, JavaScript, C++, Spring Boot, Angular.
- Data & BI:** SQL, PostgreSQL, MongoDB, Power BI, RStudio, pandas, matplotlib.
- DevOps & Cloud:** Docker, AWS, CI/CD (GitHub Actions).
- Tools:** Git, Excel, OpenAPI, Visual Studio Code.

## Soft Skills

- Team Collaboration & Communication** (Worked with university and third party entities)
- Adaptability** (Learned Power BI to adapt dashboards to evolving requirements)
- Rapid Learner** (Picked up AWS to add features under tight deadline)
- Problem-Solving** (Delivered optimized solutions in data pipelines and AI use cases)

**Languages:** Spanish (Native), English (C1 — [EF SET, Advanced](#)), Italian (A2 — Basic)