Andrés Felipe Quiroga Martín

Bogotá, Colombia · quiroga3719@gmail.com · +57 320 814 1460 · linkedin.com/in/quirogama · github.com/Quirogama

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: Jul 2026)
Relevant coursework: Data Analytics, Full-Stack Development, Artificial Intelligence.

Work Experience

Data Analyst Intern — Pontificia Universidad Javeriana · Aug/2025 – Oct/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 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.

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 deadlines)
- **Problem-Solving** (Delivered optimized solutions in data pipelines and AI use cases)

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