

Braulio Méndez Agra

Software Engineer · Python · Product Development · AI

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About me

Software Engineer with 6+ years of experience building production software across backend, full-stack, mobile, and data-oriented environments. My current focus is Python backend development, APIs, integrations, automation, and platform work with data and AI-related features. I combine product ownership, pragmatic engineering, autonomous learning, and modern AI-assisted development workflows. I enjoy turning ambiguous ideas into useful software products, with hands-on experience across IoT data, maps, dashboards, internal tools, and cross-platform applications.

Experience

Qaroní, Software Engineer

Dec 2025 – Present

- Backend development in Python for a data and AI platform, with a strong focus on APIs, integrations, automation, and platform services.
- Contributing to data-platform capabilities and AI-related features, including RAG-style workflows, API integrations, and service orchestration.
- Developing backend functionality using FastAPI, database-backed services, Dockerized environments, and integration-heavy workflows.
- Building and maintaining services that interact with components such as Keycloak, Ranger, Kafka, Doris, and Flink.
- Working across backend services, authentication, data infrastructure, and integrations to support practical platform and product needs.

Innogando, Full-stack Developer

Jun 2020 – Dec 2025

- Led the design and implementation of a cross-platform mobile and web application using Flutter, taking it from scratch to production and supporting several hundred active clients in an IoT-driven livestock management product.
- Built end-to-end product features involving IoT data, GPS positions, geospatial and map-based visualizations, charts, historical location data, external APIs, and client-specific workflows.
- Developed backend services and internal tools with Python, including database design, business-specific workflows, and operational support tools.
- Created internal software solutions such as CRM-style tools, production support applications, dashboards, and map-based visualizations.
- Worked directly with stakeholders in an agile environment, taking ownership of delivery, iteration, and long-term maintenance.
- Mentored junior colleagues and participated in events as a speaker, helping communicate technical work to wider audiences.

Flythings, Web Frontend Developer Intern

Feb 2019 – Apr 2019

- Web frontend development with Angular in an applied technical environment.
- Contributed to UI implementation and feature development as part of an engineering team.

Tech stack

Core: Python, FastAPI, REST APIs, SQL, Docker, Git, Linux, backend services, integrations, automation

Applied AI / Data: OpenAI API, LLM integrations, RAG-style workflows, Pandas, Jupyter

GIS / IoT / Visualization: geospatial interfaces, maps, GPS data, IoT data visualization, dashboards, charts, external API integrations

Frontend / Mobile: Flutter, Dart, JavaScript, TypeScript, HTML, CSS

Databases & Tools: PostgreSQL, MySQL, SQLite, MongoDB, Postman, VS Code, Android Studio

Education

University of A Coruña, **Master's Degree in Computer Engineering**

Sept 2019 – May 2022

University of A Coruña, **Bachelor's Degree in Computer Engineering**

Sept 2015 – May 2019

Languages

- Spanish – Native
- Galician – Native
- English – B2, Cambridge First Certificate