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Joaquín Borja León

Software engineer · Backend, data and applied AI

PROFILE

Software engineer in Madrid. I build backend and data systems and take them all the way to production. Digital Governance Trainee at Airbus Defence and Space, studying two master's degrees.

EXPERIENCE

Digital Governance Trainee — Since Oct 2026
Airbus Defence and Space · Getafe, Madrid
Airbus Discover programme in Air Power Services: data governance and support for AI solutions.

Co-founder and Software Lead — Apr to Jun 2026
Byolux · Sevilla
Bioprocess optimisation startup in the Fusión Startups accelerator. We won its Supersprint with an MVP built in 72 hours.

Software Engineering Intern — Jan to Mar 2026
Seville City Council (ITAS) · Seville
Widgets and alert management with IoT device data for the Sevilla Smart City platform.

Server, J1 Work & Travel programme — Jun to Sep 2025
Grand Hyatt Deer Valley · Park City, Utah
Service at a five-star resort, in English and in a multicultural team.

PROJECTS

Orderflow Terminal — TypeScript, Next.js, Fastify
A market terminal with options flow, gamma exposure and SEC fundamentals, on real, free data. View project

DocuChat — Python, FastAPI, pgvector
A RAG assistant that answers from your PDFs and cites the source of every answer. View project

VecinUs — FastAPI, React Native, GitHub Actions
An app for residents' communities. I was the project manager and set up continuous integration and repository security. View project

Sports Value Detector — Python, scikit-learn, FastAPI
Football and tennis models measured against the closing odds, with an honest conclusion. View project

RecuerdaMed — React Native, Expo, Firebase
A medication app for patients and caregivers, with a public demo. View project

Analista incansable — Python, SQLite, n8n
A fundamental screener that scores companies every day and alerts on Telegram. View project

Hair salon booking app — React, Express, MongoDB
Bookings for a hair salon. I built the whole frontend and the business management API. View project

Poké-Hub — Flask, Docker, GitHub Actions
A data model repository. I built the public profile with each user's datasets and almost half of the tests. View project

EDUCATION

Master's in Software Engineering: Cloud, Data and IT Management
University of Seville
2026 to 2028

Lifelong Learning Master's in Organizational Management in Digital Environments and Data Analytics
Camilo José Cela University, linked to the Airbus Discover programme
2026 to 2027

BSc in Computer Engineering, Software Engineering
University of Seville, ETSII. Bachelor's thesis: RecuerdaMed
2022 to 2026

LANGUAGES

Spanish
Native

English, C1
TOEFL iBT · Cambridge C1 Advanced

German, B1
No official certificate

TOOLKIT

Python, Java, TypeScript, SQL, FastAPI, Fastify, Spring Boot, PostgreSQL, pgvector, MongoDB, pandas, scikit-learn, RAG, Ollama, React, Next.js, React Native, Firebase, Docker, GitHub Actions, Playwright, n8n, Ubuntu Server