

Francisco Ramírez Cañadas

SOFTWARE ENGINEER

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PERSONAL PROFILE

Entrepreneurial mindset and a meticulous approach to software quality. I have the initiative to propose improvements and a commitment to achieving goals through clean, structured, and maintainable code. I stand out for my organizational skills, adaptability to technological challenges, and a constant commitment to providing strategic value to the team.

WORK EXPERIENCE

Software Engineer (Curricular Internship)

NTT DATA Europe & Latam · **Malaga, Spain** · **April 2026-June 2026**

- **AI Automation:** Programmed a hybrid script in **Python** with **100% reliability** in data extraction, integrating Generative AI as a contingency to process YAML configurations for the international **EPO** project.
- **Backend Development:** Designed and developed **2 Java prototypes** (Spring Boot) with H2 embedded database in just 2 weeks, evolving the architecture toward an **MCP (Model Context Protocol)** server with Spring AI.
- **SDD Methodology:** Implemented Spec-Driven Development-based templates to automate dynamic JSON schema and PDF generation based on real-time variables.
- **Validation and Training:** Successfully executed a live **technical demo** for the corporate AI team and completed Generative AI, Kubernetes, and Git training.

ACADEMIC BACKGROUND

Bachelor's Degree in Software Engineering

University of Malaga · **Malaga, Spain** · **2022-2026**

Outstanding Project: Multiplatform Intelligent Virtual Closet (Final Degree Project)

- Stack: React Native, FastAPI, Python, MySQL, Gemini LLM, Redux Toolkit.
- Full-stack development of a mobile app for textile digitization and automated outfit recommendation.
- Implemented an autonomous garment tagging workflow combining computer vision and real-time external climate API integrations.
- Designed the asynchronous backend with Python, optimizing LLM latency and centralizing global frontend state with Redux Toolkit.

COURSES AND CERTIFICATIONS

Generative AI Certifications (Yellow Belt for Developers)

NTT DATA Europe & Latam · **2026**

Specialized training in the integration of Generative Artificial Intelligence into the software development lifecycle.

Cyber Bootcamp Malaga (Advanced Module)

Google.org and University of Malaga · **2025**

Intensive, practical, and innovative training in cybersecurity.

LANGUAGES

Spanish (Native) | English (C1 Advanced Cambridge)

SKILLS

TECHNICAL

Java & Spring Boot (Spring AI) | Python (Automation and AI) | Git GitHub | Spec-Driven Development (SDD) | Prompt Engineering | Agile Methodologies (Scrum, Kanban) | Databases (MySQL, MongoDB)

SOFT SKILLS

Teamwork | Conflict and Problem Resolution | Decision Making | Proactivity | Empathy | Time Management