



Andrés Izquierdo

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Software Engineer specializing in end-to-end Full Stack development, from initial architecture to final deployment. Open to remote, hybrid, or relocation.

EDUCATION

JULY 2022 - JUN 2024 | **CIFP César Manrique**, Santa Cruz de Tenerife
Higher Technician in Software Development
Specialty: Design and development of Full Stack applications

SEP 2025 - ONGOING | **Universitat Oberta de Catalunya**
Bachelor of Computer Science
Minior: Software Engineering

SKILLS

LANGUAGES: Python, C#, Java, TypeScript
FRAMEWORKS: FastAPI, ASP.NET Core, Spring Boot, React, Next.js
SOFTWARE: Docker, Kubernetes, SQL (Postgres, SQL Server), Pytest, Cypress, Figma
CONCEPTS: Containerization, CI/CD, Unit, E2E & Integration Testing, Agile Methodology, Conventional Documentation & Commits

WORK EXPERIENCE

JUL 2024 - PRESENT | **Software Developer**
DST
• Developed and maintained multiple **FastAPI** microservices within a large-scale international project, contributing to a **React** frontend and configuring **Docker** environments for service containerization.
• Developed **700+ Pytests** to validate API and business logic, achieving over **90% code coverage** and ensuring service reliability.
• Engineered a data scraping pipeline using **Node.js** with **Puppeteer** and **Playwright** to extract and analyze public project data from Italian government sources.
• Authored a comprehensive technical report in **LaTeX** to infer critical data points for the analysis phase of a major international initiative.
• Spearheaded the implementation of E2E testing using **Cypress**, establishing company-wide guidelines to ensure 100% usability coverage and long-term maintainability.
• Orchestrated the technical recruitment and onboarding process, including interviewing candidates and coordinating internship programs with educational centers.

MAR 2024 - MAY 2024 | **Web Developer Erasmus Intern**
S.T.E.P. S.R.L.
• Managed the redesign of the corporate website using **Next.js**, documenting every stage following industry standards.
• Developed comprehensive UI/UX design projects in **Figma** for interface planning and creation.
• Coordinated a development team of 5 people using **Trello** and **Agile** methodologies.
• Implemented a **RESTful** API utilizing Large Language Models (LLM) and Text-to-Speech (TTS) technology.

LANGUAGES

ENGLISH | **Professional Fluency**
Cambridge C1 Advanced (CAE) Certificate

SPANISH | **Native Speaker**
Born and lived in Canary Islands, Spain

LEADERSHIP

2019 - 2023 | **Volunteer Coordinator**
Comisión Diocesana Justicia y Paz Tenerife
• Aided the division and logistical organization of volunteers to provide educational support for children in vulnerable family situations
• Restructured internal volunteer scheduling to improve the consistency and quality of the learning aid program