

RAÚL FERNÁNDEZ DEL BLANCO

GENERATIVE AI / SOFTWARE ENGINEER

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PROFESSIONAL PROFILE

Software engineer focused on enterprise applications using generative AI, RAG and LLM-powered automation. Hands-on experience modernizing business workflows, integrating cloud services and building full-stack products with ownership of technical implementation.

PROFESSIONAL EXPERIENCE

DIVERGER THINKING

Full Stack Developer | Apr 2025 – Present

LLM-powered IT automation | Jul 2026 – Present

- Led the development of specialized LLM-powered agents using Python and Vertex AI to automate IT workflows and integrate with enterprise incident management systems.
- Consolidated reusable Python components to simplify maintenance across environments; improved execution reliability and introduced monitoring with MLflow and Datadog. The platform has logged tens of thousands of automated incidents.

Enterprise knowledge assistant · RAG | Jul – Sep 2025

- Built the full Python/FastAPI backend for document ingestion, local embeddings, ChromaDB semantic search and incremental indexing.
- Developed a two-stage retrieval process with traceable sources and led the Astro/React frontend. Internal tool used by 100+ employees.

Modular enterprise web platform | Feb – Jul 2026

- Built reusable React/TypeScript and Web Components interfaces, including dynamic forms, data tables, visualizations and exports.
- Contributed to Java/Spring Boot REST APIs, service integrations, messaging and automated testing.

Web data extraction platform | Sep 2025 – Feb 2026

- Owned the React frontend and contributed to ASP.NET Core APIs and web scraping components; proposed and delivered functionality based on direct client feedback.

TECHNICAL SKILLS

AI / LLM: RAG · Vertex AI (Gemini) · OpenAI · LangChain · MLflow · SentenceTransformers · ChromaDB

Development: Python · TypeScript · JavaScript · Java · C# · React · FastAPI · Spring Boot · ASP.NET Core

Cloud & data: Google Cloud · Kubernetes · Docker · PostgreSQL · MongoDB · BigQuery · Datadog

EDUCATION

MSc in Artificial Intelligence | Universidad Alfonso X el Sabio · 2026–2027 · In progress

MSc in Computer Engineering | Universidade da Coruña · 2024–2026

BSc in Computer Engineering | Universidade da Coruña · 2020–2024

CERTIFICATIONS

React, NodeJS, Express & MongoDB – The MERN Fullstack Guide | Udemy · Apr 2025

Next.js: El framework de React para producción | Udemy · Jun 2025

Design Sprint | Kelea · Jun 2025

ACADEMIC PROJECTS & LANGUAGES

Diverlens · Master's thesis · 9.3/10: Software engineering analytics dashboard integrating developer tooling.

Bachelor's thesis · 9.4/10: Dashboard for managing projects and teams in a version control system.

Spanish (native) · English B2 (certified)