



ADRIÁN VÁZQUEZ BARRERA

Tech Lead · Full Stack AI Developer

CONTACT

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Spain

LANGUAGES

Spanish — Native
English — B2

SKILLS

CLOUD & INFRA

GCP · AWS · Azure · Docker · CI/CD
· Pulumi · Devcontainers · Linux · Git

BACKEND

Python · Django · FastAPI · Java · Spring Boot · Node.js

FRONTEND

Angular · JavaScript · TypeScript · HTML · CSS

DATA & AI

PyTorch · LangChain · LLMs · RAG · Vector DBs · NLP · ML

DATABASES

PostgreSQL · MariaDB · MongoDB · MySQL

AUTH & SECURITY

Keycloak · SSO · OAuth2

METHODS

Clean Architecture · Design Patterns · Agile · Requirements

ABOUT ME

Passionate about technology and whatever is possible to do with it. Always learning something new. Attempted volleyball player.

EXPERIENCE

Tech Lead · Heligràfics Fotogrametría S.L. *June 2025 – Present*

- ▶ Own the full backend, DB management, CI/CD and cloud infrastructure of a forestry SaaS platform built on clean architecture.
- ▶ Designed and provisioned the entire GCP infrastructure using Pulumi as IaC, ensuring reproducible and scalable deployments.
- ▶ Deployed and configured Keycloak SSO company-wide, centralising identity and access management across all services.

GCP · Python · Django · PostgreSQL · Pulumi · GitHub · Keycloak · CI/CD · Devcontainers

Full Stack AI Developer · Solver Intelligence Analytics *Oct 2022 – June 2025*

- ▶ Built a full stack price recommendation and tracking system for supermarket chains.
- ▶ Developed detection, extraction and normalization pipelines for unstructured data (PDFs, images) using LLMs and RAG for posterior analysis.
- ▶ Designed an internal container-based modular framework to accelerate development, maintenance and onboarding.

Angular · Python · Java Spring Boot · LangChain · LLMs · RAG · Docker · CI/CD · Azure · MariaDB

EDUCATION

Master's Degree in Artificial Intelligence · Universitat Politècnica de València (UPV) *Oct 2022*

Graduate in Computer Engineering & Information Systems · Universidad Pablo de Olavide, Seville *June 2021*

PUBLIC PORTFOLIO

Oido! — Hearing AID: App that magnifies sounds for the hearing-impaired. [Available on Google Play Store.](#)

Snake 3D: The classic Nokia game reimaged in the browser. Available at adrianvb.com/snake3d

Full Stack Multiplayer RPG Framework: C# bootstrapping framework for 3D online RPG games. [Video.](#)

Create your own VPN: [Check my repo.](#)