

ADRIÁN VÁZQUEZ

AI Engineer & Agentic Architect



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AI Systems Architect specializing in private, on-premise LLM infrastructure. Sole technical owner of the complete AI roadmap at a B2B IT firm – from architecture to production. Designs and ships enterprise RAG pipelines, multi-agent workflows, and automation systems on company-controlled servers, with zero cloud dependency. Consistently delivers across the full stack: vector layer, backend, orchestration, and deployment. GDPR-compliant by design.

TECHNICAL SKILLS

- **AI & Agentic Frameworks:** LangGraph, LangChain, CrewAI, AutoGen, LLM APIs (Function Calling & Fine-tuning), n8n Automations.
- **Vector & Data Infrastructure:** Pinecone, ChromaDB, pgvector, Redis (Caching/Queueing), PostgreSQL (Complex Query Optimization).
- **Machine Learning Ops:** TensorFlow, PyTorch basics, Docker Containerization.
- **Production Stack:** Python (FastAPI/Django), JavaScript, Angular, Vue/Vuetify, TypeScript, VPS Deployment.

EXPERIENCE

AI Engineer — CSR Online

Barcelona · Mar 2026 – Present

- **AI Department Leadership:** Leading AI strategy end-to-end, reporting directly to the co-founder. Defining roadmap and executing full lifecycle of all AI initiatives.
- **Private RAG Architecture:** Designed and deployed on-premise RAG + agentic workflows (LangGraph) ensuring zero third-party data exposure and full lifecycle ownership.
- **Infrastructure Ownership:** End-to-end ownership of vector database, backend, and production deployment of all AI systems on company-controlled servers.

AI Systems Architect & Developer — VazquezDev

Remote · Oct 2025 – Present

Personal AI lab and consultancy running in parallel to my corporate role – not a distraction from it. The space where I design, build, and ship AI systems under my own technical direction, without constraints. Every project here is production-deployed and client-facing.

LANGUAGES

Spanish NATIVE
Catalan NATIVE

English PROFESSIONAL WORKING
PROFICIENCY (B2)