

JOSÉ ANTONIO NUEVO CLAVERÍAS

Tech Lead, Full-Stack Developer & AI Solutions Architect

CONTACT

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CORE COMPETENCIES

AI Architecture & Strategy
End-to-End AI Solution Design, Model Fine-Tuning & Evaluation, Scalable AI Infrastructure, Vector Search Optimization

AI / Machine Learning
LLM & RAG Integration, AI Chatbots, Prompt Engineering, NLP, LangChain

Frontend
React, Next.js (SSR/SSG), Vue.js, TypeScript, JavaScript (ES6+), TailwindCSS

Backend & Databases
Node.js, Python (FastAPI), Laravel, REST APIs, MySQL, PostgreSQL, MongoDB

DevOps & Cloud
AWS (EC2, S3, RDS), Docker, Kubernetes, CI/CD, Git

SOFT SKILLS

- Entrepreneurial Mindset
- Technical Leadership & Mentoring
- Strategic Problem-Solving
- Cross-Functional Communication
- Agile Project Management

EDUCATION

Master's in Full Stack Development
Three Points Digital Business School | 2022
Intensive program focused on enterprise application architecture, microservices, and cloud-native development on AWS with Docker & Kubernetes.

Higher Tech Degree, Multiplatform Apps
UOC X - Xtended Studies | 2021
Project-based curriculum centered on OOP with Java for native Android and C# for cross-platform solutions, including game development with Unity.

Higher Tech Degree, Web Apps
Jesuites Bellvitge | 2020
Gained a comprehensive foundation in web fundamentals, server-side programming with PHP/Java, and relational database management with MySQL.

Professional Summary

A results-driven Founder, CTO, and AI Solutions Architect with over 5 years of experience leading teams and engineering scalable, intelligent applications. I specialize in architecting end-to-end solutions that merge robust full-stack development (React, Node.js, Python) with advanced AI capabilities, including custom RAG systems and LLM fine-tuning. My expertise spans technical leadership, business strategy, and hands-on development, with a commitment to delivering high-quality products that provide a competitive edge.

Work Experience

AI Solutions Architect & Consultant Aug 2025 - Present
Freelance, Barcelona

- Architecting and implementing custom Retrieval-Augmented Generation (RAG) systems for enterprise clients to unlock insights from internal knowledge bases.
- Advising startups on AI strategy, including model selection (OpenAI, Llama, Mistral), fine-tuning for domain-specific tasks, and scalable deployment on AWS.

Founder & CTO Mar 2025 - Present
WebDevFactory.dev, Barcelona

- Founded a tech consultancy to deliver bespoke AI and web solutions, leading all aspects of business strategy, client acquisition, and product development.
- Define the complete technical vision and architecture for client projects, ensuring solutions are scalable, secure, and aligned with business goals.

Tech Lead Oct 2023 - Aug 2025
Recovo, Barcelona
Promoted from Full Stack Engineer

- Directed a team of 3 engineers and spearheaded the integration of an **AI-powered recommendation engine** that increased user engagement by 25%.
- Re-architected the frontend with Next.js, achieving a **40% reduction in page load times** and improving Core Web Vitals scores.

Tech Lead Aug 2020 - July 2025
Acceleralia, Barcelona
Promoted from Full Stack Developer

- Led technical strategy and **managed a development team** of 4 for a multi-tenant SaaS platform built with Laravel and Vue.js.
- Engineered and deployed an **AI-driven chatbot using an LLM API** which successfully handled 30% of initial customer support queries.

Full Stack Web Developer Feb 2023 - Oct 2023
Freelance

- Delivered end-to-end web solutions for clients, from consultation to deployment, building performant e-commerce sites with Next.js and Stripe.
- Developed custom REST APIs with Node.js and ensured high code quality by implementing TypeScript and comprehensive unit tests.