

Daniel Manuel Morales Fernández

Architect & FULL-STACK Lead Developer
AI Software Developer

12-6-1989

Spain

danijmj

danielmoralesfernandez

PROFILE

Developing solid skills on time with high ability using wipe coding, agentic coding and the use of agents to multiply my work speed, while thinking ahead and striving for excellence in code and structure, while my team enjoy making great things and growing up professional and personally in a psychologically-safe and creativity-rich environment is my emblem how professional.

Like many others define me, great ambient maker, capable, persistent, a creative problem solver, mentor and exceptional in my work.

Beyond my professional achievements, I am a loving husband and father.

AREAS OF EXPERTISE

Full stack engineer | front-end developer | back-end developer | Lead programmer | mentoring | software analyst | autonomous

LABORAL EXPERIENCE

2024 – actual · Stuttgart (DE) · (Remote)

Ebensense Labs

Architect & Founder & CEO

AI start-up, leading the **end-to-end architecture** of node.js backend and a **Vue.js / TypeScript** dashboard in products like ebenprice.app. RAG systems and **agentic workflows**. Working on a high-performance **Python**/ **FastAPI** data aggregation/realtime AI analysis system. Leveraged a modern full-stack and AI stack (Node.js, vue.js, **React/Next.js**, Docker, Supabase Azure, **Vite**) to deliver scalable, production-ready solutions.

2025 – 2026 · Berlin (DE) · (Remote)

Primefold (Saypien GmbH)

Full-Stack Developer

Using AI agentic coding to accelerate development. Playing a role as Software Architect and developer in building the AI-driven platform and AI agents for primefold.ai. Tech: **Next.js**, React, Supabase, **TypeScript**, Trigger.dev, Langfuse, webpack, websockets.

2021 – 2024 · Logroño (SP) · (Remote)

GNOSS

Full-Stack Technical Lead

Part of the technical leadership team for the Hercules project, a key national platform built in **C# (.NET Core 8)** featuring a semantic-AI-powered search engine. Lead developer and architect for the strategic museum website "La Galería de las colecciones reales".

2020 – 2021 · Bilbao (SP) · (Remote)

Mampower Group (Experis IT)

Full-Stack Technical Lead

Working in Getronics (the final client)in the analyst, design and (full) development of the website "Patrimonio Nacional" with **Drupal** and **Vue.js**.

2018 – 2020 · Santander (SP)

MIG Prisma

Full-Stack Technical Lead

Develop of the API and a Back-Office with **React.js & Node.js** (using express and loopback), **webpack, babel. Lead** the university web page of esic.edu with **Drupal**. Work in different APPs for Android & iPhone with **Quasar (vue.js)** and **react-native**.

2017 – 2018 · Santander (SP)

DSI IT HOSTING & SECURITY SL

FULL-STACK Lead Developer

Lead developer in important french projects using **Drupal** and **Wordpress**. Implement search engines in **JavaScript**. Systems with custom **Linux** server configurations and **AWS**.

2016 – 2017 · Torrelavega (SP)

Esfera Interactiva S.L.

FULL-STACK Developer

Architect and implement web pages and applications with MVC frameworks (Cakephp), Development of a **ecommerce** web pages, with a **custom development**.

2015 – 2016 · Santander (SP)

Sauver.S.L.

FULL-STACK Developer

Development of different web pages with pure PHP, Wordpress, Prestashop, SEO, SEM campaigns...

2013 – 2014 · Santander (SP)

Avatoru Networks, S.L.

Junio Web Developer

Development in **Prestashop & WordPress**.

2012 – 2015

Some freelance projects

Freelance Developer

Create a **CMS**, collaboration with some NGOs and different free developments with **Drupal** & WordPress.



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OTHERS

Hobbies:

- Hiking
- Amateur musician

Volunteer & Humanitarian Trips:

- Cooperation trip to “Comunidad Esperanza” in Senegal (2017)
- Volunteer in JOFRÉ, psycho-social rehabilitation center (2011)
- Volunteer in an NGO (2010-2018)

Young leadership:

- Volunteer free time monitor
- Youth camp direction
- Christian youth leader

More:

- Driving license (B) With car

CONTACT

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SKILLS AND CAPABILITIES

Core Competencies

Team leadership: Tech leadership, people management, technical mentoring, sprint planning and stakeholder communication.

System Design & Architecture: Expertise in architecting and deploying resilient, cloud-native software products from ideation to production. Distributed microservices and high-availability systems.

Agile delivery: Kanban and Scrum, backlog grooming, JIRA and cross-functional collaboration.

AI, Semantic Web and Data

Semantic AI and Ontology Engineering: RDF, OWL, SKOS; knowledge graph design and modeling.

AI Agents and Retrieval-Augmented Generation (RAGs): prompt engineering; LLM orchestration; agent workflows.

NLP and Semantic Search: embeddings, vector stores, SPARQL.

Data stores and query languages: MySQL, PostgreSQL, Supabase, SPARQL, Azure tables; schema design and optimization.

Backend Development

Core languages & frameworks: Node.js (Express, **NestJS,** Nitro), C# (.NET Core), PHP (CodeIgniter, Drupal, WordPress), Phyton (FastAPI)

Services and APIs: RESTful APIs, GraphQL, gRPC, middleware patterns, DI, OAuth2/JWT, real-time services (WebSocket).

Data and performance: MySQL/PostgreSQL, data caching, migrations and query optimization.

Frontend Development and UX

Languages and frameworks: Vue.js, React.js, TypeScript & JavaScript (ES6+), **Next.js**, Nuxt, SPA and SSR patterns..

Styling and accessibility: CSS3, Tailwind, SASS, responsive design, Bootstrap, SEO and WCAG accessibility.

Design and quality: Figma, Adobe XD, Photoshop, design-to-code handoff, unit and component testing with Vitest and Cypress

Tooling, Architecture and DevOps Cloud

Infrastructure and orchestration: Docker, AWS and Azure, Linux and Windows server management.

Build & Workflow Tooling: Vite, Babel & Turborepo, Webpack

CI/CD and background workflows: GitLab CI/CD and GitHub Actions workflows, branching and PR checks, secrets management, Trigger.dev for durable background jobs and AI orchestration.

Reliability and observability: monitoring and logging with Sentry and Grafana, backups and incident response and performance.

ACADEMIC EDUCATION

2023 - Actual — **Degree: Computer Science and Engineering**
UNED

2011 — **Higher National Diploma: Application Software Developer**
I.E.S Miguel Herrero

2007 — **Baccalaureate**

LANGUAGES

Spanish: Native Speaker

English: Professional proficiency

German: A1