

Jorge Muñoz Cofrades

AI / Full-Stack Developer — LLM Apps, SaaS & Automation · Novés, Toledo, Spain

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EU citizen — no visa sponsorship required · Based in Spain (CET), available for remote-EU

SUMMARY

Full-stack developer who ships LLM-powered SaaS into production. Built, sold and maintain a bespoke clinic-management platform in daily professional use, and co-founding Intelidatia, a multi-sector SaaS for local businesses. Work daily with TypeScript, Next.js, React, Supabase/PostgreSQL and the Anthropic/OpenAI APIs — backed by real test suites, CI/CD and row-level security. Looking for a full-stack / AI developer role on a remote-EU or Spain-based team.

SKILLS

AI / LLM: LLM application development · Anthropic Claude SDK · OpenAI API · Vercel AI SDK · structured outputs & tool-use (function calling) · prompt engineering · prompt caching · multi-agent orchestration · safety guardrails · vision (image→data) · streaming

Frontend: React 19 · Next.js 16 (App Router, Server Components) · TypeScript · Tailwind CSS · shadcn/ui · TanStack Query · PWA · i18n (next-intl) · accessibility (WCAG 2.2)

Backend / Data: Node.js · Python · SQL · PostgreSQL / Supabase · Drizzle ORM · REST APIs · Zod · Pandas

Automation / Integrations: n8n (self-hosted, EasyPanel/Hetzner VPS) · webhooks (Stripe, idempotent) · cron & ETL (GitHub Actions) · rate limiting (Upstash) · Google OAuth · WhatsApp (Meta Cloud API) · Stripe · Resend

Testing / DevOps: Vitest · Playwright (E2E) · MSW · CI/CD (GitHub Actions) · Row-Level Security · Docker · Git/GitHub · Vercel · Claude Code / Codex

EXPERIENCE

Freelance Full-Stack / AI Developer — Clinic Management SaaS Toledo / Remote · Feb 2026 – Present
bespoke build delivered May 2026; ongoing maintenance

- Built and **sold** a bespoke clinic-management SaaS now in daily professional production: appointment scheduling with conflict detection, patient records, multi-professional availability, services, cash desk, statistics and PDF documents — Next.js 16, React 19, TypeScript, Supabase/PostgreSQL.
- Shipped a self-service patient booking portal (Google OAuth, booking/reschedule/cancel) with WhatsApp confirmations via Meta Cloud API and real-time notifications (Supabase Realtime + Web Push).
- Engineered security & reliability: Row-Level Security across all tables, role-based access (owner/professional), audit logging on every mutation, Upstash rate limiting and idempotent notification delivery.
- Validated the system with a full test suite — Vitest unit tests + Playwright end-to-end across auth, booking, scheduling and invoicing flows.

Co-founder & Developer — Intelidatia (SaaS for local businesses, pre-launch) Toledo / Remote · Feb 2026 – Present

- Co-founding and building a multi-sector SaaS (booking, CRM, dashboards, roles, billing) on Next.js 16, Drizzle ORM and Supabase, deployed to Vercel — engineered an extensible architecture serving **9 business sectors from a single codebase**.
- Built AI sales tooling with the **Anthropic Claude API (official SDK)**: structured-output call briefs and multi-channel outreach drafts (email/WhatsApp/LinkedIn) with compliance guardrails and a **human-approval gate** before sending — using tool-use and prompt caching.
- Developed an internal CRM managing a **~7,700-prospect** pipeline (enrichment, stages, scoring, conversion tracking) on PostgreSQL with RLS on PII tables.
- Set up CI/CD (GitHub Actions: typecheck, lint, architecture-invariant gates, tests) and self-hosted **n8n** automations on an EasyPanel / Hetzner VPS.

IT Trainee — Deloitte (Delivery Center / Transformation) Madrid · Mar 2026 – May 2026

- Processed and validated internal datasets with Python (cleaning, adaptation, functional validation) in a controlled enterprise delivery environment, working to agile team processes.

Application Developer Intern — Kanzan Tech Toledo · May 2025

- Built application screens, flows, validations and business logic with OutSystems within a technical team.

Network Technician Intern — Unitel Toledo · Mar 2024 – Jun 2024

- Configured and maintained server racks and structured cabling and resolved network incidents for a regional healthcare network.

SELECTED PROJECTS

PulseFit — AI Fitness & Nutrition Coach | Next.js · Vercel AI SDK · Supabase | fit-eight-silk.vercel.app

- Built a PWA generating personalized 7-day diet/training plans through a multi-agent LLM pipeline (10 task agents) with streaming coach chat and function-calling tools (regenerate plans, update profile, log metrics).
- Engineered deterministic post-LLM safety validators — EU-14 allergen lexicon, calorie/macro bounds, injury contraindications, BMI extremes → professional-referral fallback — so unsafe plans auto-correct instead of shipping.

PicadaPro — Fishing Forecast PWA | Next.js · Claude + OpenAI · Supabase | pesca-green.vercel.app

- Built a fishing-forecast PWA: solunar best-time scoring engine, photo-to-species vision scanner with per-reservoir legal verdicts (size/quota/closed-season), and an LLM assistant — recommendations kept rule-based in code, LLM used only for explanation.
- Automated a weekly government water-level ETL and hourly push alerts via GitHub Actions cron; cost-guarded the LLM with sliding-window rate limiting.

Other projects (GitHub): Java/JPA REST backend · native Android (Kotlin, Jetpack Compose) · React Native + TypeScript app · C#/.NET game · SwiftUI app.

EDUCATION

Higher Technician in Multiplatform Application Development (DAM) — FP Superior, **EQF Level 5** | IES Azarquiel, Toledo | 2024–2026
Technician in Microcomputer Systems & Networks (SMR) | IES Aldebaran, Toledo | 2022–2024

CERTIFICATIONS · LANGUAGES

Microsoft Certified: Azure AI Fundamentals (AI-900) · Power BI · Data Analysis with Pandas
Spanish — native · **English — B2 (Trinity certified)**