

Luis Marquina Rodríguez

Full-Stack Software Engineer · Applied AI

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PROFILE

Full-stack software engineer with two AI-powered SaaS products in production. I design and build complete systems —Rust and TypeScript backends, React, Next.js and Astro front-ends, PostgreSQL and cloud deployment— with a focus on security, data privacy and applied artificial intelligence. Background in Software Engineering (Data Engineering track) and 42 Madrid.

EXPERIENCE

Zeonida · Co-founder & Software Engineer Oct 2026 – Present
LegalTech · AI · [zeonida.com](#)

- Version 1.0.0 (October 2026) of a stateless AI assistant for Spanish court representatives and lawyers: **Rust** backend (Axum, Tokio, sqlx, PostgreSQL + pgvector) and **React 19 + TypeScript** web app.
- Pseudonymisation enforced by the type system (the AI only receives pseudonymised text), **WebAssembly** core for an in-browser private mode, NER with XLM-RoBERTa on **ONNX Runtime** and OCR.
- Procedural deadline engine with each judicial district's holidays; continuous deployment on Docker and Cloudflare with Sentry. Earlier MVP in FastAPI + Next.js with 2FA and AES-256-GCM.

Inmovira · Founder & Full-Stack Engineer Jul 2026 – Present
Real estate SaaS · AI · [inmovira.com](#)

- Crawler that monitors several real estate portals every hour through per-country proxies, plus a two-stage AI pipeline that verifies private sellers.
- Multi-tenant CRM with per-agency isolation, real-time WhatsApp alerts (Gemini) and price history per property.
- Express 5 + TypeScript** API (Zod, rotating JWT refresh tokens, CSP), **Astro + Tailwind** website and self-managed Linux VPS deployment.

OTHER PROJECTS

- Skyline Logistics** (Java) — layered logistics simulation with the Singleton, DAO and Strategy patterns.
- MovieApp** (Kotlin · Android) — MVVM app with the TMDB REST API and Firebase persistence.
- 42 Madrid** (C) — libft, push_swap and ft_printf: algorithms and data structures from scratch.

EDUCATION

U-tad (University Centre of Technology and Digital Art) Madrid
BSc in Software Engineering · Data Engineering track 2021 – 2027
Data pipelines, AI, computer vision, recommender systems and IoT.

42 Madrid (Telefónica Foundation) Madrid
Intensive programming training · peer-to-peer methodology 2023 – 2025

TECHNICAL SKILLS

Languages	Rust · TypeScript · Python · JavaScript · Java · Kotlin · C · SQL · R · Bash
Frontend	React · Next.js · Astro · TanStack · Tailwind CSS · HTML5 · GSAP
Backend	Axum · FastAPI · Node.js · Express · REST / OpenAPI · JWT · WebSockets
Data / AI	PostgreSQL · pgvector · ONNX Runtime · LLMs · Pandas · NumPy · TensorFlow · Spark
Databases	PostgreSQL · MongoDB · MySQL / MariaDB · Turso (libSQL) · Firebase · Oracle
DevOps	Docker · GitHub Actions · Cloudflare · Linux / VPS · Sentry · Vercel · Git

LANGUAGES

Spanish Native
English B2 – Upper intermediate

AVAILABILITY & INTERESTS

Availability Immediate start.
Interests Applied AI, LLMs and transformers, data privacy, automation.
Soft skills Autonomy, product mindset, teamwork and continuous learning.