Daniel Zamorano

Software & AI Architect

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+18 years **+6** countries **+5** industries

Profile

18+ years building systems for companies where one mistake can cost millions.

I've worked with teams in 6 countries, on-site and remote.

Today I run projects, gather the details with the client, design and build the architecture, lead the people, and make AI work well in production.

Solutions Architect · Software Engineering · Technical Leadership

Experience

Dec 2024 – present
2 years

Founder · Process engineering and artificial intelligence
Nojarix, based in Guadalajara

Processes first, technology second: diagnosis, redesign and rollout of AI-assisted operations.

A collections system the team didn't want to use:

- We interviewed the collectors before changing it.
- **Adoption tripled.**

Mar 2021 – Apr 2026
5 years 2 months
remote

Senior Software Engineer
Scientist.com, based in Boston, MA

The world's leading marketplace for pharmaceutical research.

I helped design its AI-assisted search (RAG with a language model) and built the API module that connects it to the platform; I also developed, maintained and modernized several applications.

Apr 2017 – Nov 2021
4 years 8 months

Senior Software Engineer
Tacit Knowledge, based in San Francisco, CA

I led projects and recruited and trained the team.

- An e-commerce replatform **nominated as the best in London**, a new checkout for another client, and the company's first project in Mexico.

CTO · GoOut Experiences, based in Guadalajara — Jun 2016 – Feb 2017 · 9 months

I hired, led and organized the tech team.

Senior Fullstack Software Engineer · BairesDev, based in Argentina — Jul 2015 – Jul 2016 · 1 year 1 month

A new interface for the Vans Customs 3D shoe configurator.

Senior Frontend Developer · iTexico, based in Guadalajara — Aug 2014 – Jul 2015 · 1 year

A security web app for a Texas client, who kept me on when it released the rest of the team.

Lead Frontend Developer · WiserTogether, Inc., based in Washington — Apr 2013 – Mar 2014 · 1 year

I ended up leading the team: "the only team ready for the release."

Web Developer · Tacit Knowledge, based in San Francisco, CA — Jun 2011 – Apr 2013 · 1 year 11 months

The shopping cart for a Texas supermarket and the responsive GHD website.

Software Developer · OTRS AG, based in Germany — Feb 2010 – Jun 2011 · 1 year 5 months

Owner of the survey module; S/MIME and PGP encryption in open-source software.

Software Development & IT Consultant · Dux Diligens, based in Mexico City — Jan 2008 – Feb 2010 · 2 years 2 months

Order first: IT solutions built on the ITIL methodology.

Software Developer & Technical Support · Tecnológico de Monterrey — Jun 2007 – Jan 2008 · 8 months · part-time

Technical support and development.

Principles, Practices and Technologies

Tools change every year; they can be learned and taught. What can't be taught is the judgment that comes with experience: knowing what to use, when and why, and how to take it to production with professional processes.

Principles and practices
Software engineering · Process engineering · TDD · BDD · CI/CD · Design Systems · UX/UI

AI
LLMs (remote and local models) · MCP (in-house servers built with FastMCP) · RAG and semantic search · Agents (multi-agent orchestration) · n8n with LLMs · ElevenLabs (voice) · Midjourney

Backend and data
Ruby on Rails · Ruby · Python · Django · Node.js · Perl · PostgreSQL · MySQL · MongoDB · SQLite · CouchDB

Infrastructure and DevOps
AWS · Heroku · Linux · Docker · Kamal · Cloudflare (DNS, Tunnels, Pages) · Tailscale · GitHub & GitHub Actions · Self-hosting (Umami, Listmonk + Amazon SES, n8n) · Ansible

Frontend and UI
Hotwire · React · Redux · Angular · NgRx · RxJS · TypeScript · JavaScript · d3 · Storybook · SCSS · CSS · Bootstrap · Webpack

E-commerce and quality
SAP Hybris / Spartacus · AEM · Mocha · Chai · Sinon · Karma

Projects

Nojarix.com — A technology and applied-AI consultancy. It runs on MÍA, my own platform: ERP, CRM and CMS in one to run a small business end to end.

GMA (Gestión de Modelos Artificiales) — A platform to manage AI engines: it ingests external data, cleans and processes it, trains and retrains the model, releases new versions and serves them through an API.

Matteo — A free AI chatbot that answers religious questions from a Christian theological perspective.

Knowledge and education

Higher University Technician (TSU) in Information and Communication Technologies
Universidad Tecnológica de Jalisco

Post Graduate Program in Artificial Intelligence and Machine Learning
The University of Texas at Austin, McCombs School of Business · 2022

Languages
Spanish (native) · English