Jorge González Ozorno

Full Stack Developer · Toluca, Mexico

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SUMMARY

Full stack developer. I'm a computer science and technology engineer who builds things for the web, from scratch and all the way to the cloud. I bring problem solving, creativity, and clear communication to every project, and I'm quick to pick up whatever it needs next. Lately that has meant a lot of AI.

EXPERIENCE

Ford Motor Company — Jan 2025 – Present

Full Stack Developer, PDPO — Aug 2025 – Present

Remote

I own two internal sites for the teams that use 3DEXPERIENCE at Ford: the PDPO Portal, used by a team of 95, and the Knowledge Base, used by more than 7,000 people all over the world.

- Built an AI assistant that answers from our own docs (a RAG agent on Google ADK and Vertex AI) and took it to production. Both sites use it now, and other teams plan to reuse it.
- Rebuilt the Portal from old HTML pages into a Next.js and Spring Boot app, with team directories read live from LDAP and a health dashboard for 3 environments on Elastic Synthetics.
- Moved the Knowledge Base from MkDocs to Zensical and added a FastAPI backend, which turned a static site into an app with sign in, sessions, and its own APIs.
- Automated versioning and releases for both apps with GitHub Actions: 5 monthly and 3 patch releases so far, none with a version number or release note written by hand.

Software Engineer, IT Academy — Jan 2025 – Jul 2025

Mexico City, Mexico

- Moved old finance tools from shell and SQL scripts to Google Cloud, rebuilt with Spring Boot and Angular.
- Kept quality and security in check with Tekton, SonarQube, and FOSSA, from tests to approval to production.

El Puerto de Liverpool — May 2023 – Mar 2024

Process Automation Intern — Mexico City, Mexico

- Built UiPath and Visual Basic robots for finance processes that cut processing time by up to 60%.
- Automated data extraction from SAP ECC and S/4HANA and the Excel work that came after it.

PROJECTS

TRACSUR Tickets — Sep 2026 – Present

Ticket sales and gate check in for a trailer drag race in Yucatán, paid by card, OXXO, or bank transfer.

- Built alone in three weeks, from first commit to open sale, with AI coding agents and specs I write and review.
- In its first week on sale it passed 200,000 page views and sold 5,000 tickets.
- Payments run through Mercado Pago, and each ticket is a QR code signed with Ed25519 that gets in exactly once.

Next.js · PostgreSQL · Cloud Run · Cloudflare · Mercado Pago

jorgergo.dev — Sep 2026 – Present

My site and CV, built with AI coding agents from specs I write and review. A failed check rolls the deploy back.

Astro · TypeScript · Tailwind CSS · Cloudflare

Medipal Mar 2026 – Present

An app for independent doctors in Mexico, built with a partner: agenda, notes, prescriptions, WhatsApp reminders.

Flutter · TypeScript · Fastify · PostgreSQL · Google Cloud

EDUCATION

Tecnológico de Monterrey Aug 2020 – Jun 2024

B.S., Computer Science and Technology · GPA 4.0/4.0 (97/100) Toluca, Mexico

LEADERSHIP & ACTIVITIES

Ford Operation Good Cheer Oct 2025 – Dec 2025

Frontend Lead

- Led the React and Tailwind rebuild of the gift drive app, with QR scanning that tracked 1,341 gifts for 450 children.
- Wrote a Python script that pulls children's wishlists out of PDFs, so volunteers no longer type them in by hand.

AWARDS

First Place, SISA Track Apr 2024

Talent Hackathon 2024

Won the MXN 100,000 first prize for a real time network traffic anomaly detector built with React, MQTT, a CNN, PostgreSQL, and TShark.

Seeds for the Future Winner Sep 2023

Huawei

Ranked top 3 in Latin America and the Caribbean with an AI app that helps people manage work related stress.

Honorable Mention Apr 2022

ICPC, International Collegiate Programming Contest

CERTIFICATIONS

EF SET English Certificate, C2 Proficient (73/100) Jan 2026

EF SET

Preparing for Google Cloud Certification: Cloud Engineer Professional Certificate Dec 2025

Google Cloud, Coursera

CCNA: Enterprise Networking, Security, and Automation Jun 2024

Cisco Networking Academy

SKILLS & INTERESTS

Frontend	TypeScript · JavaScript · React · Next.js · Angular · Tailwind CSS
Backend	Python · FastAPI · Java · Spring Boot · Node.js · PostgreSQL · SQL
AI	RAG · Google ADK · Vertex AI · AI coding agents (Claude Code)
Cloud & DevOps	Google Cloud · Cloud Run · Cloudflare · Docker · GitHub Actions
Languages	Spanish (Native) · English (Fluent, C2) · French (Conversational, B1)
Interests	Basketball (team captain, 2013 to 2018) · Tennis · Guitar