

FERNANDO RAMOS

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PROFESSIONAL SUMMARY

Innovative **Software Developer & AI Engineer** passionate about leveraging cutting-edge technology to create solutions that push boundaries. Co-founder of Agentic Engineering, where I combine AI/ML expertise with DevOps excellence.

What sets me apart: Cross-functional leadership experience combined with deep technical execution in AI integration, cloud architecture, and CI/CD automation. Constantly researching **vanguard technologies and solutions** to deliver maximum value through efficient, secure, and high-quality code.

WORK EXPERIENCE

Co-Founder / Tech Lead

December 2025 - Present

Agentic Engineering
Jalisco, Mexico

- Co-founded AI automation agency focused on delivering "vanguard-edge" solutions that combine cutting-edge AI models with optimal frameworks and best engineering practices.
- Designed Cloudflare + Convex + Mastra architecture achieving 99.5% cost reduction compared to traditional cloud setups.
- Developing SpecSafe: AI-driven test generation and development framework using TypeScript/Vitest.
- Developing SpecSafe: AI-driven test generation framework using TypeScript/Vitest implementing TDD workflows

Project Manager

May 2025 - December 2025

Tendencia Systems
Jalisco, Mexico

- Architected RAG-based search system processing 300,000+ vehicle records across 11 different insurance APIs with heterogeneous data structures.
- Built WhatsApp chatbot for Sta. Austin Medical Center automating lead qualification and appointment scheduling. Delivered hot leads to sales team daily, saving time on cold prospects. Project delivered on time, on budget, with zero scope creep.

Software & Automation Developer

November 2024 - May 2025

- Developed 6 bilingual voicebots (English/Spanish) handling 700+ calls/month (40% of firm call volume) for new client intake, collections, and reception.
- Eliminated need for additional reception staff, allowing attorneys to focus on high-value work. Highest revenue-generating project at Tendencia.

Information Security Analyst (Contractor)

October 2024 - February 2026

Eternal Data
Jalisco, Mexico

- Performs vulnerability research and assessment to mitigate Ransomware attacks for clients like Cinepolis.
- Developed Python and Shell automation scripts for vulnerability scanning, data transformation, and report generation

Information Security Intern

June 2023 - October 2024

Eternal Data
Jalisco, Mexico

SKILLS

Languages & Frameworks.

Python • TypeScript • JavaScript • SQL • React • Node.js

AI/ML

Mastra • RAG • Vector Embeddings • n8n

Cloud & Infrastructure

Cloudflare • Digital Ocean • Azure • Vercel • Google Cloud • AWS

DevOps

Docker • Terraform • CI/CD (Github Actions) • Sentry

Databases

PostgreSQL • Supabase • Convex • Microsoft SQL Server

Tools

git • Claude Code • OpenClaw • SDD • TDD • Linux

ACADEMIC HISTORY

ITESO

Ingeniería en Sistemas Computacionales

2022 - 2026

CERTIFICATIONS

- Project Lifecycle, Information Sharing, and Risk Management, *Google*, 2025
- Project Management Foundations, Initiation, and Planning, *Google*, 2025
- Generative AI: Prompt Engineering Basics, *IBM*, 2025
- Play It Safe: Manage Security Risks, *Google*, 2024
- Tools of the Trade: Linux and SQL, *Google*, 2024
- Switching, Routing, and Wireless Essentials, *CCNAv7*, 2023