Alberto Jolyt Cárdenas

Full Stack Engineer — Applied AI

Mexico City, Mexico · UTC-6 · Remote · Contractor or EOR (Deel, Remote) · No sponsorship required
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Summary

Full stack engineer with 4+ years shipping production platforms end to end in Laravel, React, PostgreSQL and AWS. Main developer of a US legal-support company's internal platforms and solo builder of a ticketing platform used by Zona Maco, MTV and Paramount. I build with Claude Code, backed by CI, tests and stress testing. After hours: infrared photography and an experimental short film.

Experience

Full Stack Developer — Express Network, A Legal Support Network Co. · Remote (US company, Mexico-based) · Jul 2025 – Present

US legal support network (service of process and document delivery for law firms). Main developer and current sole maintainer of its internal platforms; Laravel + React + TypeScript + PostgreSQL on EC2.

- Work AI-first with Claude Code and custom skills, validated with CI pipelines, automated tests and manual stress testing before release.
- Built from scratch a business reporting platform that turns reports previously compiled by hand in up to two weeks into always-current dashboards, viewable and downloadable daily.
- Built Bridge Console solo, an integration layer that turns the largest client's requests into internal orders and returns statuses, documents and invoices: ~1,000 orders/month once handled by hand over email.
- Shipped the Payment Portal used by the entire finance team to register client payments (checks and proofs) against invoices for every client: a 1,500-payment batch went from two full working days to seconds.
- Co-developing CRT X with three engineers: the rewrite of the company's core terminal-based operations tool into a fully visual web platform (in progress).

Full Stack Developer — IFD Technologies · Mexico City · Aug 2022 – Jul 2025

Big Data / BI SaaS (LINDA) and client platforms. Two-developer team; built and ran Mango Pase for two years and trained the engineer who inherited it. · mangopase.com

- Rebuilt the application layer of LINDA, the company's Big Data BI product (Laravel + React), end to end except the data sources; delivered custom client platforms for Yomp!, Maruchan and JAC Motors.
- Built Mango Pase solo in 4 months: ticketing on React + TypeScript, Laravel, PostgreSQL and AWS, with MercadoPago payments, Apple Wallet passes and box-office thermal printing; used by Zona Maco, MTV, Paramount and NFL.

React Developer — Venn Platform · Mexico · Mar 2022 – Aug 2022

React Developer — Diseño y Desarrollo Digital – De3 · Mexico City · Part-time · Jan 2022 – Sep 2022

Personal projects

ConsultaCCT — Shipped a paid RAG chat over a 589-page labor contract with 100% citation accuracy on a 175-case golden set, using Claude, Voyage and pgvector+BM25.

Scarlett — Built a self-hosted dev server that runs two isolated Claude Code accounts from one web panel, using Linux users, rootless Docker, cgroups and Tailscale.

Skills

Languages: TypeScript, JavaScript, PHP, SQL, Python · **Frontend:** React, Next.js, CSS/SASS · **Backend:** Laravel, Node.js, REST APIs · **Data:** PostgreSQL, MySQL · **Cloud/Infra:** AWS (EC2, S3, Lambda, Amplify, RDS), Docker, GitHub Actions, Linux · **Payments & integrations:** MercadoPago, Apple Wallet passes, ESC/POS thermal printing · **AI tooling:** Claude Code, agent skills, LLM-assisted development with CI validation · **Creative tech:** ffmpeg, Python imaging, infrared camera modification

Education

B.Eng. Computer Systems Engineering — Instituto Politécnico Nacional · 2017 – 2023

Certifications

English C1 — Harmon Hall · Aug 2026

Languages

Spanish (native) · English (C1 certificate, Harmon Hall; weekly meetings with US teams)