Alberto Jolyt Cárdenas

Creative Technologist

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.

- 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.
- 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.
- 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).
- Work AI-first with Claude Code and custom skills, validated with CI pipelines, automated tests and manual stress testing before release.

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

- 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.
- 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.

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

- Built the React frontend of Venntor, an e-learning platform for teachers to sell live sessions, consulting and recorded courses (React, WordPress/PHP, MySQL).

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

- Took over and built the React storefront of Abastero, a wholesale produce e-commerce (React, WordPress/PHP, MySQL), after the previous developers left.

Projects

Infrared camera mod — Sony Cyber-shot DSC-W5 converted to infrared for photo experiments.

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.

Termofilm — Video to thermal-printer tickets to scans to video. Also known as TicketFramer.

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)