

Christian Elías Cruz González

Senior Fullstack Engineer — SaaS & Integrations

Mexico · CDMX / Hidalgo

Available: June 2026 · 100% Remote

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PROFESSIONAL PROFILE

Senior Fullstack Engineer with 5+ years delivering production systems. End-to-end technical ownership: I build, operate, and scale — from platforms with 150K+ users to self-funded products with real revenue. Specialized in agentic workflows, LLM integrations, and systems designed for minimal human intervention.

EXPERIENCE

Senior Software Engineer

Feb 2024 – May 2026

Ubidots · Medellín, Colombia (Remote)

- Led architecture and performance of an IoT SaaS platform with 150K+ active users and real-time data via WebSockets.
- Reduced dashboard load times from 8s to 5s (-37%) and optimized ECharts widget rendering from 30s to under 15s (-50%) through virtualization, memoization, and canvas rendering.
- Cut release cycle from 50 to 20 min (-60%), reducing delivery friction for a team of 20+ developers.
- Established quality standards, an internal ESLint plugin, and code review guidelines adopted by the whole team; mentored 2 junior engineers through pair programming and structured reviews.

Stack: React, TypeScript, ECharts, TanStack Query, WebSockets, Node.js, Python (Django), ESLint (custom plugin), Jest, GitHub Actions.

Mid-Level Software Engineer

Jun 2022 – Feb 2024

Ubidots · Medellín, Colombia (Remote)

- Implemented payments module with Stripe and migrated the fetching system to TanStack Query, eliminating duplicated state and enabling direct freemium-to-paid conversion.
- Built and maintained the mobile app (iOS + Android) in React Native, shipping new platform features directly to end users.
- Contributed to the design and implementation of key components of the real-time IoT dashboard system.

Stack: React, TypeScript, React Native, TanStack Query, Stripe, WebSockets, Node.js, Python (Django), Jest.

Software Developer

Jul 2021 – Jun 2022

Clever Cloud · Mexico (Remote)

- Developed and integrated sites (e-commerce, landing pages, blogs) on the company's proprietary CMS, owning the full cycle: requirements gathering with clients, translating to technical specs for a team of 5 devs, implementation, and delivery.
- Designed and implemented a pixel-perfect landing page from a graphic designer's mockups, coordinating deliveries directly with the client through final approval.
- Defined CI/CD flows and the dev-staging-production pipeline, adopted as the team standard.

Stack: React, Vue, PHP, MySQL, GitHub Actions, CI/CD.

PROJECTS

TuAgenda.digital

tuagenda.digital

Appointment automation SaaS currently in operation, with 5 active clients in the first 3 months and recurring revenue via Stripe: white-label booking, login-free client portal, email/SMS reminders, and an AI agent on WhatsApp with Claude API in production — handling reservations 24/7 and reducing manual operational load by ~80%.

Next.js 15 · Supabase · Stripe · Twilio · Claude API · OpenAI · Vercel Edge

CatholicMixquia

iOS · Android

Cross-platform parish content app with 670+ active users: audio player with background playback, missal with an automated pipeline via GitHub Actions, daily reflection with scraping, push notifications, and offline cache.

React Native · Expo · GitHub Actions · Push Notifications · AsyncStorage

Avelor

avelor.es

Self-hosted platform of 6 microservices with an independent subdomain per module: analytics with real-time heatmap, secrets vault with AES-256-GCM, deploy webhooks with persisted output logs, WebSocket tunnel, admin panel behind Tailscale VPN, and an admin CLI. Replaces third-party dependencies in production.

Astro · Node.js · PHP · PostgreSQL · Tailscale · Docker · VPS

SKILLS

Frontend & Mobile

React, Next.js, TypeScript, JavaScript (ES2021+), React Native, HTML5, CSS3, design systems

AI / LLM Integration

Claude API, OpenAI API, agentic workflows, LLM agents in production, prompt engineering, AI-augmented development

Real-Time Data

TanStack Query, WebSockets, REST APIs, ECharts, D3.js, rendering optimization

EDUCATION

B.S. in Information and Communications Technology Engineering 2018 - 2022

ITSOEH · Tecnológico Nacional de México

Platzi Master Program · Cohort 8 Oct 2021 - Mar 2022

Platzi · Admission by selection process

TECHNICAL ACTIVITY

- Publishes at **octa.page** — runtime research, architecture decisions, and systems notes — a public record of the technical reasoning behind the projects.
- Published author on **IEEE Xplore** — "Security Issues of a Decentralized Blockchain-Based Messaging System" (VII CONIITI, Universidad Católica de Colombia, 2021).
- Keynote speaker at the **5th International Software Congress, UAEH (2025)** and at the **International Engineering Congress, ITSOEH (2025)**.
- **Google Developer Student Club Lead** — led a community of 60+ students and organized 20+ technical events (2020-2021).
- Featured on **Hidalgo Radio and Television** — Con Ciencia and Ya es Hora programs.

Backend & Infrastructure

Node.js, Python, FastAPI, Django, PHP, PostgreSQL, MySQL, Supabase (PostgreSQL + real-time), Vercel (Edge Functions, serverless), Docker, VPS (Linux, self-hosted), GitHub Actions (CI/CD), REST APIs, Stripe, Twilio

Quality & Tooling

ESLint (custom plugins), Jest, React Testing Library, Git, code reviews, Claude Code, GitHub Copilot

Architecture & Practices

Scalable architecture, performance optimization, real-time systems, design systems, state patterns, a11y, Agile methodology, Scrum

LANGUAGES

Spanish	Native / C2
English	Upper-Intermediate / B2 · EF SET