Jeremy Encalada

Semi Senior Software Engineer · Python & Fullstack

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PROFESSIONAL SUMMARY

Computer Science engineer with experience building production web products in Python and TypeScript. I work end to end: APIs and automation in Python, Angular and React frontends, and relational databases. I have integrated LLMs into products (streaming, multi-provider, cost tracking) and focus on maintainable code, tests, and CI/CD.

PROFESSIONAL EXPERIENCE

COOPMEGO
Sep 2025 – Present

Fullstack Developer
Ecuador

- Built the frontend of MegOnline, the cooperative's online banking application, with React and TypeScript.
- Built the reusable component catalog with accessibility and performance standards, reducing the time to ship new screens.
- Developed the new member onboarding system with Next.js and C#, integrating validations and business flows.
- Implemented features for members and advisors, improving the experience of internal systems.

Stack: React · TypeScript · Next.js · C# · .NET · CSS3

ISBEN Solutions
Jun 2025 – Sep 2025

Frontend Developer
Ecuador

- Built the frontend of MakCourier, a courier management system with 300+ users in production.
- Implemented interfaces with Angular and PrimeNG, following accessibility and design best practices.
- Built shipment tracking and route management flows.

Stack: Angular · PrimeNG · TypeScript · HTML5 · CSS3

COOPMEGO
Oct 2024 – Mar 2025

Intern — Frontend & Backend Development
Ecuador

- Built credit system features with React, improving the advisors' workflow.
- Developed .NET templates and services for automatic credit document generation.
- Contributed to the design of reusable components for new screens.

Stack: React · .NET · JavaScript · CSS3

Universidad Nacional de Loja
Jun 2023 – Aug 2023

Intern — Frontend Development
Loja, Ecuador

- Developed components for the SIAFF university system with Django and Python.
- Refactored existing components, improving the platform's load performance.

Stack: Python · Django · HTML5 · CSS3

FEATURED PROJECTS

Crypto Bot — Paper Trading
Sep 2026 – Active

Python Developer

Python paper-trading engine running on public Binance data: dual BTC 1D/4H regime, idempotent allocation, and automated daily execution.

- Idempotent daily pipeline on GitHub Actions with pytest tests and persisted state.
- CLI and dashboard to audit signals, positions, and the reason behind every decision.
- Public Binance data only: no keys and no real orders.

Technologies: Python 3.12 · pytest · GitHub Actions · httpx · CLI

Jept — Local LLM Client
Oct 2026 – Oct 2026

Fullstack / LLM Integration

Local ChatGPT clone on top of OpenCode Go: a multi-protocol proxy that translates chat, responses, and messages, with streaming, knowledge projects, and images.

- Stateless proxy unifying chat/completions, responses, and messages with streaming.
- Token and cost accounting per response; model selection based on vision capabilities.
- Projects with instructions and files, branchable history, and local persistence.

Technologies: TypeScript · React 19 · Node.js · LLM APIs · SSE

OdentCore — Clinic Management
Apr 2026 – Active

Fullstack Developer

Multi-branch platform for dental clinics: patients, scheduling, billing, analytics, and role-based permissions with Angular 21, SSR, and Supabase.

- Role- and clinic-based permissions with RLS and audited RPCs in PostgreSQL.
- Patient records, odontogram, scheduling, billing, and analytics in a single SSR app.
- Playwright e2e tests for the main flows.

Technologies: Angular 21 · TypeScript · Supabase · PostgreSQL · Tailwind · Playwright

MakCourier
Jun 2025 – Sep 2025

Frontend Developer

Courier management system in production: shipments, package tracking, and route administration.

- 300+ active users in production.

Technologies: Angular · PrimeNG · TypeScript

EDUCATION

Universidad Nacional de Loja
Jul 2020 – Apr 2025

B.Sc. Computer Science – Loja, Ecuador

SKILLS

Languages: Python · TypeScript · JavaScript · C# · SQL · HTML5 · CSS3

Frameworks: React · Angular · Next.js · Django · Express.js · .NET · Astro

Tools: Git · Linux / Shell · Playwright · Vitest · pytest · pnpm · Vite

Databases: PostgreSQL · SQLite · Firebase

Cloud & DevOps: Docker · GitHub Actions · Vercel · Supabase

AI & LLMs: LLM Integration · Prompt Engineering · OpenAI / Gemini APIs · Streaming (SSE) · Agents & CLI

Soft Skills: Teamwork · Communication · Adaptability · Problem solving

Languages: Spanish (Native) · English (Intermediate)