

Cristina Rodriguez

Full Stack Software Engineer

Seattle, WA · yosola@gmail.com · 628-236-7431 · [linkedin.com/in/crissrodriguez](https://www.linkedin.com/in/crissrodriguez) · github.com/Yosolita1978 · yosola.co
US work authorized (Green Card) · Bilingual, Spanish and English

Full Stack Software Engineer with 5+ years building and teaching production JavaScript and TypeScript systems. Strong in Next.js, strict TypeScript, and Node.js, with production experience in Python/FastAPI, LLM and agent tooling on the Anthropic and OpenAI APIs, and Docker and AWS deployment workflows. Known for catching edge cases, improving UX clarity, and writing documentation that helps the next engineer ship faster.

CORE SKILLS

Engineering: TypeScript (strict), JavaScript, Python, SQL, React, Next.js (App Router), Node.js, FastAPI, Prisma, Git/GitHub, Docker, AWS, Vercel, GitHub Actions

AI & Agents: LangChain, MCP/FastMCP, Anthropic and OpenAI APIs, retrieval with pgvector, multi-agent orchestration, human-in-the-loop design, n8n

Data & Infrastructure: PostgreSQL, Supabase (RLS), Firebase, multi-tenant SaaS, PDF and document pipelines

Collaboration: SME partnership, cross-functional coordination, stakeholder communication, mentoring, technical documentation

WORK EXPERIENCE

Founder & Lead Engineer at ComadreLab · 2024 to Present

- Run a web studio designing and shipping full-stack and AI systems for small businesses and Latin American clients, owning architecture, data modeling, and deployment end to end.
- Build and maintain LLM features in production, including multi-agent pipelines, MCP tooling, and retrieval, on Next.js/TypeScript and Python.
- Ship and support six client projects, handling scoping, delivery, and ongoing maintenance directly with non-technical owners.

Technical Curriculum Developer at ELM Learning · March 2024 to February 2026

- Translated technical requirements into Python and SQL learning modules with exercises, edge cases, and automated checks so learners practiced real workflows, not just concepts.
- Designed modular certification pathways with hands-on labs and scenario validations, enabling iterative updates without rewriting full courses.
- Partnered with SMEs to run curriculum QA and governance during fast launch cycles, resolving ambiguity and preventing content drift across revisions.

Technical Program Manager at Techtonica.org · May 2021 to December 2023

- Owned delivery of a full-stack JavaScript curriculum (Node.js, React) and deployment concepts (Docker, AWS), emphasizing real architecture and tradeoffs.
- Standardized GitHub workflows (PR templates, review conventions, documentation structure) so changes stayed reviewable and consistent across instructors and cohorts.
- Facilitated structured troubleshooting sessions that taught learners to isolate variables, diagnose failures, and recover from broken builds without guesswork.
- Supported 50+ participants through onboarding, technical mentoring, and pair programming.

SELECTED PROJECTS

MujerTech Bootcamp. Bilingual learning platform built solo, from data model to deploy. Next.js App Router, next-intl, Supabase magic-link auth, strict TypeScript, role-gated admin. Live with 25 learners. bootcamp.mujertech.org

Anzuelo. Social media lead finder and content hub. Python agent searches seven platforms, scores each lead with Claude Haiku using prompt caching, and flags content gaps into Supabase. Next.js 16 dashboard with a content studio that generates posts and finished visuals through chained Visual Director and FLUX image agents. No automatic sending by design. anzuelo.vercel.app

Nouvie. Order-management admin for a regulated, document-heavy business. Next.js, Prisma, and Supabase with PDF invoice generation, Excel export, and role-based access, plus a public storefront with structured data. nouvie.co

SazonBot. Bilingual recipe assistant. FastAPI and LangChain backend with a Next.js front end and streaming responses. sazonbot.vercel.app

EDUCATION & TRAINING

- University of Washington · Certificate in E-Learning Instructional Design (2026)
- AI Agents Fundamentals, Hugging Face (2025)
- B.A. in Communication