

Steven Mendez

Full Stack + AI Engineer | Python, FastAPI, React/TypeScript, AWS | LLM & RAG in production

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PROFESSIONAL SUMMARY

Full stack and AI engineer with 3+ years building production web applications, backend APIs, and LLM/RAG features, remotely for US companies since 2025. Python/FastAPI and React/TypeScript on AWS; PostgreSQL and SQL Server performance, marketplace data pipelines, and LLM evaluation. Independent contractor on US hours from Managua, Nicaragua (UTC-6); fluent English; no US visa sponsorship required.

WORK EXPERIENCE

Full Stack Engineer | WERN (Contract)

Jan 2025 - Present

Remote · Development agency; client projects end to end, among them Dupely (below); now on WERN's internal products.

- Took features from first endpoint to production across client codebases by building Python REST APIs (FastAPI, Django, Flask) and the React interfaces on top of them.
- Ran client workloads on AWS (Lambda, ECS, S3, RDS, SQS, CloudWatch) with the infrastructure defined in Docker and Terraform and CI pipelines handling deployment.
- Added LLM and RAG features to client products with vector retrieval on pgvector and Qdrant.

Back End Developer | Dupely (WERN client)

Dec 2025 - Apr 2026

Remote · Shopping-assistant startup (browser extension and mobile app) that flags price inflation and better-value alternatives.

- Built the backend the beta launched on: FastAPI services serving product and pricing data in real time.
- Built the product, pricing-history, and attribute ingestion pipelines for Amazon, Walmart, and eBay: official APIs where available, in-house scraping and providers such as Bright Data and Oxylabs elsewhere.
- Contributed to the PostgreSQL schema, migrations, and product-lookup query performance; proposed a Redis cache-aside design for product data.

Full Stack & AI Engineer | US EdTech Company (Independent Consultant, NDA)

Mar 2025 - Dec 2025

Remote · Direct contract held alongside WERN with their authorization.

- Built an LLM benchmark and evaluation harness that runs models through 20-50 computer-use tasks and scores their output.
- Delivered Generative AI features and LMS integrations on LLMs and RAG, retrieving learning content with pgvector, from the user interface to the services behind it.
- Shipped full-stack features into the client's production codebase on two-week sprints inside their engineering team.

Full Stack Developer & Systems Analyst | Universidad Nacional de Ingeniería (Full-time)

Feb 2023 - Dec 2024

Managua, Nicaragua

On site · Responsible for the university's budget and fixed-asset systems; also built its warehouse and helpdesk systems.

- Maintained and extended two legacy ASP.NET / SQL Server systems, budget (Web Forms) and fixed assets (MVC); cut the budget system's heaviest report from 6 minutes to 7-15 seconds by rewriting and indexing queries.
- Built the warehouse and helpdesk systems end to end: .NET backend, React front end, integrations.
- Restored CI/CD after the on-premise servers were renewed, rotating credentials and repointing deployments.
- Mentored 8 interns on backend fundamentals and Git.

FEATURED PROJECTS

Interview Agent | github.com/Steven-Mendez/interview-agent | interview-agent-lime-seven.vercel.app

- Voice interview practice app: plans the interview from a CV and job description, runs it live, and grades every answer with evidence from the transcript.
- Three LangGraph agents (planner, LiveKit interviewer, evaluator) over a FastAPI backend with PostgreSQL persistence for plans, transcripts, and evaluations; React front end; OpenAI models.

TECHNICAL SKILLS

Languages: Python, TypeScript/JavaScript, C#, SQL

Backend & Data: FastAPI, Django, Flask, .NET, PostgreSQL, SQL Server, Redis, REST APIs, ETL pipelines

Frontend: React, Next.js, Astro

Cloud & Tools: AWS (Lambda, ECS, S3, RDS, SQS, CloudWatch), Docker, Terraform, CI/CD, Git

AI: LLM/RAG, LLM evaluation, LangChain, LangGraph, OpenAI, pgvector, Qdrant, LiveKit, Claude Code, Codex

EDUCATION

Universidad Nacional de Ingeniería

Mar 2019 - Dec 2023

B.Eng. in Computer Engineering, five-year program (equivalent to a U.S. B.S.)