Steven Ortega

steven.ortega426@gmail.com • (469) 469-9881 • Austin, TX
stevenortega.dev • linkedin.com/in/stevenortega3 • github.com/Jynx-hub

EDUCATION

The University of Texas at Austin, Austin, TX **2025 – 2029**

Bachelor of Science in Behavioral and Social Data Science

Relevant Coursework: Elements of Computers and Programming, Differential and Integral Calculus

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL

Frameworks & Libraries: Next.js, React, Node.js, Fastify, Flask, PyTorch, scikit-learn, Tailwind CSS

Databases & Cloud: PostgreSQL, Supabase (RLS), AWS (Amplify, Cognito, S3, CloudFront), Vercel, Docker

Tools & APIs: Git, REST, Server-Sent Events, OpenAI, Google Gemini, Model Context Protocol (MCP), Playwright, Vitest

EXPERIENCE

Patel Gaines | San Antonio, TX **2026 – Present**

Full-Stack Developer

- Built an internal operations platform (**Next.js 14 on AWS**) used daily by legal and marketing teams to manage 44 client accounts.
- Implemented role-based access and email MFA across three Cognito user groups, enforcing per-team data isolation at the database layer.
- Built a **property-tax enrichment pipeline** (Brave Search + Gemini) and a secure client-upload intake using presigned S3 URLs.

Krowe Technologies Inc. | Austin, TX **May 2026 – Aug 2026**

Technical Co-Founder

- Built and launched **Krowe**, a multi-tenant client portal (Next.js 16, Supabase) that grew to 100+ users, isolating client, operator, and builder data server-side.
- Shipped **AI document generation** (PRDs, quotes, contracts) that streams to the browser over Server-Sent Events, with usage metering and rate limiting.
- Built GitHub and Granola OAuth integrations and an end-to-end **quote → contract → e-signature** flow backed by Postgres RPCs, tested with Vitest and Playwright.

Cal AI | Miami, FL **Nov 2025 – Feb 2026**

Growth Engineer

- Built the **content analytics pipeline** behind the **20-person team**'s weekly review, consolidating post-level metrics across **6 accounts** into one ranked dashboard.
- Automated the publish path with scripted batch rendering and cross-account scheduling for **40+ posts/week**, cutting **6 hrs/week** of manual posting to near zero.
- Ran an **A/B testing framework** over hooks and formats, attributing variants to **free-trial starts**; winners lifted trial conversion **18%**.

PROJECTS

F1 Race Strategy AI | Python, PyTorch, scikit-learn, Flask, Gemini

- Won **1st place at CQ Hacks 2026** for a three-layer Formula 1 pit-strategy engine that recommends pit and tire calls across a full race: a physics lap-time model, a scikit-learn MLP residual corrector, and a **PyTorch Deep Recurrent Q-Network** (LSTM, experience replay, target network), trained on **26k+ lap records** from the 2025 F1 season (FastF1).
- Served the model behind a Flask API with a **decision-tree explainability surrogate** for human-readable rationale, plus a canvas race replay that generates engineer radio per lap via Gemini and ElevenLabs.

Airtight | Python, FastAPI, React, vLLM, Modal

- Built an automated **patent platform** for software and electronics inventions: a React + FastAPI intake turns an invention description into a filing-ready specification via an agent loop that drafts, self-critiques, and revises against real PTAB rejections and USPTO prior art.
- Served **Nemotron on self-hosted vLLM** (Modal) for a **10.7× throughput gain** from continuous batching (65 → 696 tok/s), and contained it behind a default-deny policy blocking prompt injection and un-approved egress at the socket level; **214 passing tests**.

CAMPUS INVOLVEMENT

Longhorn Developers, The University of Texas at Austin, Austin, TX *Member*

- Contribute bug fixes and features to open-source projects through GitHub pull requests, iterating on feedback from maintainer code review.
- Collaborate with student developers on issue triage, testing, and documentation using Git branching workflows.

Texas Alpha Kappa Psi, The University of Texas at Austin, Austin, TX *Member*

- Participate in professional development workshops, networking events, and chapter service projects.