

# Yengner E. Bermudez

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## Education

*Bachelor of Science in Computer Science*, University of South Florida

July 2023 – December 2026

- GPA: 3.65/4.0

Tampa, FL

## Technologies

**Languages:** TypeScript, C#, Python, JavaScript, C++ , C, SQL, Lua

**Frontend:** React 19, Next.js 15 (App Router), Tailwind CSS

**Backend & Desktop:** Node.js, Express, REST, GraphQL, .NET (Windows Forms)

**Data & Auth:** Supabase (PostgreSQL, Edge Functions, Auth), MongoDB, SQLite

**Cloud/DevOps:** Oracle Cloud (OCI) — Ubuntu VM, Docker Compose, Cloudflare (DNS, SSL/TLS, Tunnel), n8n, Vercel, GitHub Actions, cron

**ML/Analytics:** TensorFlow, OpenCV, Recharts

## Experience

*Software Engineer*, DeepVisor (SaaS, in development)

Feb 2024 – Present

- Integrated **OAuth 2.0** with Meta Graph API; built webhooks and scheduled syncs with pagination and **idempotent upserts** to stay within rate limits.
- Built the ingestion pipeline (cron + webhooks → Edge Functions) to normalize accounts, campaigns, ad sets, ads, insights and materialize daily/weekly aggregates for fast dashboard reads.
- Exposed typed REST endpoints/server actions for campaign create/pause/edit; added request validation, **rate limiting**, and structured logging

*Coding Instructor*, Codecraft Works

Jun 2024 – Aug 2024

- Taught 10–15 middle-school students JavaScript, HTML, CSS with project-based learning.
- Introduced and taught Roblox Studio and Lua scripting leading students to create their own fully functional games with custom game mechanics, scripting, and UI elements.

## Projects

**DeepVisor Infrastructure & Automation** — *self-hosted n8n on Ubuntu VM*

Feb 2025 – Present

n8n.deepvisor.com

- Deployed Docker Compose stack (n8n + Postgres + reverse proxy) on Ubuntu VM; configured subdomain routing with DNS and TLS.
- Built cron workflows for ad data syncs; wired webhooks to Supabase Edge Functions for ingestion and alerting.
- Hardened reliability with health checks, log retention, automatic container restarts; scheduled backups to object storage.

**MarketPulse** — *C#/.NET Windows Forms stock dashboard*

Aug 2025 – Present

- Built WinForms GUI to fetch and visualize public market data using async HTTP and JSON; added symbol search and SMA/EMA indicators.

**CodeAtlas** — *ShellHacks 2025 | Next.js 15 + Supabase + Google ADK*

Sep 2025

github.com/vidhimudaliar/CodeAtlas

- Backend: GitHub App + “Connect GitHub” flow (OAuth/installation) to list repos, browse dirs/files, and register webhooks; ran the Google ADK agent locally via `adk web` (Gemini 2.0).
- Emitted typed *nodes/edges/relations* and upserted into **Supabase**; showcased the graph in **React Flow** to visualize repository architecture.

## Leadership & Involvement

**Outreach Director**, SHPE — USF

Aug 2025 – Present

- Drive recruiter and alumni outreach (email, LinkedIn); secure meetings and pitch SHPE for sponsorships.
- Maintain partner pipeline and follow-ups; track contacts and events in a shared CRM.
- Plan and host company events (career fair, info sessions, GBMs) with the External Affairs team.