Alexander Gomez

SENIOR SOFTWARE ENGINEER · PRODUCT, DATA & AI

Los Angeles, CA
alexanderthenotsobad.us
github.com/AlexanderTheNotSoBad-git

TOOLKIT

PRODUCT & FRONTEND

TypeScript · React · Next.js · Tailwind · Accessibility

BACKEND & DATA

Node.js · Express · Python · Flask · C# / .NET · MySQL · REST

AI & ANALYTICS

Hugging Face · RoBERTa · DeepSeek · OpenAI STT · Spotfire · MS SQL · Oracle

CLOUD & DELIVERY

AWS · Lambda · Cloudflare · Apache · Ubuntu · Git

TEACHING

University of Florida
Enterprise engineering practices, JavaScript, and T-SQL. 1,000+ students.

CURRENTLY

Exploring .NET security and AWS Lambda for the next VRS release.

AVAILABILITY

Open to senior product engineering roles and select consulting work. Los Angeles / remote friendly.

PROFILE

Senior software engineer with 10+ years turning messy workflows and large datasets into products people actually use. Built across a **$3.5B TV ratings platform at Nielsen**, an Oracle data lake, and a live AI-assisted restaurant platform. Taught enterprise engineering to **1,000+ students** at the University of Florida. Fluent from the schema to the interface.

EXPERIENCE

Founder & Full-Stack Engineer

2023 — NOW

VIRTUAL RESTAURANT SOLUTIONS

Restaurant ordering platform that grew from a business-school capstone into a live, LLM-assisted product. I own product direction, data model, and build.

- Designed an ingredient-level schema so dietary filtering works at the component level.
- Shipped voice + text recommendations: OpenAI speech-to-text, DeepSeek reasoning, Next.js / TypeScript, Express / MySQL.

Instructor — Enterprise Engineering

ONGOING

UNIVERSITY OF FLORIDA

Teach the habits that survive contact with a real codebase: code review, testing, data modeling, and the why behind the tooling.

- 1,000+ students across enterprise engineering practices, JavaScript, and T-SQL.

Senior Software Engineer

EARLIER

NIELSEN

Worked across the data and product layers of a $3.5B TV ratings platform, keeping a very large system reliable and legible.

- Supported 1M+ rows per day; built reporting and dashboards that turned ratings into decisions.

Data Engineering & Analytics

EARLIER

ENTERPRISE DATA TEAMS

Excel analytics to complex MS SQL to an Oracle data lake. Spotfire dashboards turned enterprise data into marketable products still in use.

SELECTED PROJECTS

Stock Sentiment Dashboard
RoBERTa + Flask dashboard that scores recent financial news and turns a ticker into an article-by-article sentiment read.

MySQL SSH Walkthrough
Practical onboarding reference for connecting MySQL Workbench to a remote VM over SSH.

Array Challenge
Live coding walkthrough of a recurring interview problem, one keystroke at a time.

IMPACT

$3.5B
TV RATINGS PLATFORM

1M+
ROWS PER DAY AT NIELSEN

1K+
STUDENTS TAUGHT

How I work: optimise for clarity — small interfaces, explicit schemas, and systems that explain themselves.