

Stephen Weaver

Full-Stack Developer | AI-Native Technologist | Business Analyst

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Professional Summary

AI-native full-stack developer with a background in business operations and technical analysis. Former manager and analyst turned developer, building scalable systems with React, Next.js, and cloud-native tools. Skilled in prompt engineering with ChatGPT, Claude, and Gemini to accelerate real-world solutions. Combines technical execution with business insight and strong communication—bridging the gap between developers, stakeholders, and end users in the AI revolution.

Technical Skills

Languages & Frameworks

JavaScript (ES6+), TypeScript, Python (via AI-guided dev), SQL
React, Next.js 15, Node.js, Express
Tailwind CSS v4, HTML/CSS

Tools & Platforms

Git & GitHub, AWS (Amplify, Lambda), MongoDB, PostgreSQL
REST APIs, Google APIs, Obsidian, Vercel, npm/yarn

AI Technologies & Prompt Engineering

AI-driven and prompt development via Cursor IDE, ChatGPT, Claude, Gemini
Prompt chaining and model-to-model orchestration
Live resume generation via AI workflow (you're looking at it)

AI-Driven Projects

Portfolio Terminal Emulator (2025)

- Built a terminal-style interface to navigate personal portfolio site (stepweaver.dev) using React, Next.js, and Tailwind CSS
- Designed and refined through collaborative prompting across multiple LLMs

AI-Built Python Desktop App (2024)

- Used AI tools exclusively to build a full desktop application in Python integrating Google APIs
- Leveraged prompt engineering and iterative model feedback to complete the project without prior Python expertise
- Demonstrates adaptability, resourcefulness, and cross-disciplinary technical fluency

Professional Experience

Business Analyst

University of Notre Dame – Irish1Card Office | Notre Dame, IN

Dates: Nov 2019 - May 2025

- Administered CSGold platform and optimized reporting via SQL and Tableau dashboards
- Translated complex business needs into technical requirements for cross-functional IT teams
- Identified process inefficiencies and recommended scalable tech solutions
- Facilitated alignment between user needs and technological implementations

Airborne Cryptologic Linguist

U.S. Air Force – Active Duty

Dates: Aug 2003 - Aug 2007

- Translated and analyzed high-stakes foreign communications, delivering actionable intelligence
- Built advanced skills in data analysis, pattern recognition, and critical thinking under pressure

Operations Manager

University of Notre Dame – Campus Dining | Notre Dame, IN

Dates: Aug 2014 - Nov 2019

- Managed day-to-day operations, staff, and service logistics in high-traffic environments
 - Developed early leadership skills and team coordination strategies
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Education

Bachelor of Arts, Communication Studies

Grand Valley State University – Allendale, MI

Associate of Arts, Business Administration

Ivy Tech Community College – South Bend, IN

 stepweaver.dev • Available Immediately • Open to Remote or Hybrid Roles