

# Stephen Weaver

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

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## 🧠 Professional Summary

Technologist with 6+ years of experience in business analysis, full-stack development, and data operations. Adept at translating complex business needs into scalable digital solutions. Skilled in SQL, Tableau, JavaScript/React, and AI prompt engineering. Strong background in operations, reporting automation, and system integration. Passionate about AI-native workflows, clear communication, and continuous innovation.

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## 🔧 Technical Skills

**Languages/Frameworks:** JavaScript (ES6+), TypeScript, Python, SQL, HTML/CSS, React, Next.js 15, Node.js, Express, Tailwind v4, Sass, PHP (WordPress)

**Databases:** PostgreSQL, MySQL, MongoDB

**Cloud/DevOps:** Git, GitHub, AWS (Amplify, Lambda, S3), Vercel, Netlify, REST APIs, Linux CLI

**AI/LLMs:** Prompt engineering with ChatGPT, Claude, Gemini, Cursor IDE; AI workflows for prototyping, automation, scripting

**BI & Analytics:** Tableau, Excel, SQL reporting, DBeaver, data validation, dashboard design, KPI tracking

**BA/SDLC:** Requirements gathering, UAT coordination, Agile, functional documentation, stakeholder alignment, UX awareness

**Systems Admin:** CSGold (ERP-like), POS + meal plan systems, vendor coordination

**Finance Ops:** GAAP, reconciliation, budgeting, cost/inventory controls

**Other Tools:** Markdown, Obsidian, MDX, internal documentation

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## 💡 AI-Driven Projects

### 📌 Terminal Portfolio Interface — 2025

- Built interactive terminal-style portfolio UI with React, Next.js, Tailwind
- Developed via prompt engineering and AI-based iteration cycles
- Implemented searchable, command-based interface and agile deployment
- Showcased user-focused design, full-stack integration, and creative UX

## Python Desktop App (AI Built) — 2024

- Built functional desktop app using Google APIs and Python with AI tools
  - Completed entire project via prompt chaining and model feedback loops
  - Demonstrated rapid learning, problem-solving, and automation mindset
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## Professional Experience

### Business Analyst

*University of Notre Dame – Irish1Card Office | Nov 2019 – May 2025*

- Designed SQL reports and Tableau dashboards for operational insights
- Administered campus transaction system (CSGold); supported vendor integrations
- Automated reporting workflows and managed data quality and compliance
- Translated business needs into technical requirements and documentation
- Led stakeholder engagement, UAT, and cross-team communication
- Collaborated with finance and operations to improve cost control and workflows

### Operations Manager

*University of Notre Dame – Campus Dining | Aug 2014 – Nov 2019*

- Managed daily logistics, labor scheduling, and cost control for high-volume dining
- Implemented operational improvements through performance data analysis
- Coordinated inventory, procurement, and internal performance reporting

### Airborne Cryptologic Linguist

*U.S. Air Force – Active Duty | Aug 2003 – Aug 2007*

- Analyzed foreign communications and produced mission-critical intelligence
  - Gained skills in pattern recognition, structured reporting, and secure data analysis
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## Education

**B.A. Communication Studies** – Grand Valley State University

**A.A. Business Administration** – Ivy Tech Community College