

MATTHEW SCHMIESING

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Full-Stack Software Engineer | AI Product Development | MBA Candidate, AI Management

PROFESSIONAL SUMMARY

Full-stack software engineer and MBA candidate focused on building production software with AI integrated into real workflows. Experience across the full software product lifecycle, including architecture, frontend and backend implementation, database integration, release planning, code review, and AI-assisted development with tools such as Cursor, Claude, ChatGPT, and Gemini. Strong fit for teams building maintainable web apps, internal tools, automation systems, and AI product features.

TECHNICAL SKILLS

Languages: Python, JavaScript, C++, Dart, PHP, SQL

Frameworks: React, Ruby on Rails, Vue.js, Flutter, Next.js, Tailwind CSS

AI and Automation: Generative AI, prompt engineering, AI-assisted development, agentic workflows, Claude, Cursor, ChatGPT, Gemini

Tools and Practices: SQL Server, Git, Jira, Linux, CI/CD, Agile/Scrum, code reviews, product lifecycle delivery

EXPERIENCE

Part-Time Software Engineer, Saint Paul Center

May 2025 - Present

Remote

- Redesigned subscription architecture and user flows across Ruby on Rails and React to improve retention-oriented product experiences and long-term maintainability.
- Deliver frontend and backend features through the full product lifecycle, from requirements clarification and architecture through implementation, review, and release support.
- Assist new interns with onboarding, task breakdown, code review feedback, and technical communication while maintaining reliable engineering standards.
- Use AI-assisted development tools and structured prompts to accelerate implementation while reviewing generated output for correctness, maintainability, and fit with existing systems.

Full Stack Software Engineer Intern, Rockware Corp.

May 2025 - Dec. 2025

Remote

- Built custom production lifecycle tracking software to improve manufacturing workflow visibility, operational monitoring, and reporting.
- Integrated SQL Server data into application workflows, surfacing metrics for process analysis, automation, and data-informed decisions.
- Collaborated with operations and engineering stakeholders to prioritize features, validate requirements, and deliver tools aligned with production needs.

Cross-Platform App Developer, Saint Steps LLC

June 2024 - Dec. 2025

Remote

- Led delivery of a Flutter mobile app from beta to production for a community of 2,000+ active users, owning product iteration, feature delivery, and release planning.
- Implemented UI redesigns, backend server integration, and application updates based on user feedback and product priorities.

PROJECTS

Senior Capstone - Cummins Brake Analytics System

2025 - 2026

- Lead an interdisciplinary team building a predictive maintenance system that connects mechanical systems, data analysis, and software architecture.
- Apply AI and analytics concepts to optimize component lifecycles and support reliable, production-minded deployment.

AI-Assisted Engineering Workflows

Ongoing

- Build structured prompt systems and agentic workflows to support planning, implementation, debugging, and review across software engineering tasks.
- Evaluate AI output against codebase patterns, tests, and maintainability expectations rather than treating generated code as final.

EDUCATION

Franciscan University of Steubenville, Steubenville, OH

Expected May 2027

Master of Business Administration, Concentration in AI Management

Franciscan University of Steubenville, Steubenville, OH

Graduated May 2026

Bachelor of Science in Software Engineering; Minor in Mathematics; GPA: 3.73; Dean's List