Stephen Northam

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Full-stack software developer with 6+ years of experience designing, building, and deploying scalable web applications and AI-powered solutions. Proficient in React, .NET, Node.js, and cloud platforms including Azure and Vercel. Skilled in end-to-end development, system architecture, automation workflows, and performance optimization. Strong collaborator with a track record of driving projects from concept to production while ensuring code quality, reliability, and user-focused solutions. Experienced in leading development teams, facilitating agile workflows, and integrating innovative technologies to solve complex problems.

CORE COMPETENCIES

Analytical Problem Solving	**Clean and Scalable Code Practices**	**End-to-End Ownership**
User Centered Design Thinking	**Engineering Integrity and Reliability**	**Collaboration**
Full System Architecture Awareness	**Adaptability in Fast-Paced Environments**	**Performance Optimization**

PROFESSIONAL EXPERIENCE

Software Developer   **2020 - Present**
RoboSource | Fisher, IN

- Design, develop, and maintain full-stack applications across multiple concurrent projects using React for front-end and .NET and Node.js for back-end services deployed on Azure and Vercel
- Build scalable web applications and automation solutions leveraging cloud native services, including Azure Logic Apps, Azure Function Apps, and third-party workflow tools such as Zapier
- Serve as a key contributor to ProcessCoach.ai, an AI-focused application, collaborating on core features, integrations, and overall system architecture
- Lead development of a Retrieval Augmented Generation application that parsed, indexed, and vectorized hundreds of documents to enable conversational search and knowledge discovery through a chatbot interface
- Implement document ingestion pipelines, vector databases, and AI-powered querying to help clients surface historical project insights and reduce repeat issues
- Collaborate cross-functionally by owning story definition, development, code reviews, quality assurance testing, deployments, and client support to ensure timely and high-quality delivery
- Facilitate and lead daily development alignment meetings to identify blockers, coordinate priorities, and drive consistent progress across the engineering team
- Contribute to architectural decisions and best practices to improve performance, maintainability, and scalability across front-end and back-end systems

Development Intern   **2019 - 2020**
Crossroads Education | Indianapolis, IN

- Collaborated with senior project leads and fellow interns to design, architect, and deliver a production web application for a single client
- Contributed to full-stack development across front-end and back end components, supporting feature implementation and system integration
- Assisted in translating client requirements into technical solutions through planning, development, and iteration
- Participated in code reviews, testing, and debugging to ensure application quality and reliability
- Supported deployment and post-launch updates while gaining hands-on experience with real-world development workflows

CIVIC ENGAGEMENT

Volunteer, Gleaners Foodbank   **2025 - Present**

EDUCATION | CERTIFICATIONS

Master of Science in Technology, Computer Information Technology   **2021**
Purdue University | Indianapolis, IN