Stephen Szpak
Full Stack Developer

Contact

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Professional Summary

Curious by nature and driven by the joy of problem-solving, I bring nearly a decade of full-stack expertise to craft user-centric applications, and more recently AI-powered applications. I thrive in team environments, translating user needs into clear technical solutions and mentoring peers along the way. Embracing continuous learning, I stay ahead of emerging technologies and contribute to community knowledge sharing, always ready to take on challenges that push the boundaries of what software can do. To me, software development is both craft and science, and I strive to blend creativity with rigorous engineering to build intuitive, high-performing products that make an impact.

Professional Experience

AllianceBernstein – AVP Front End Developer (2022 – Present)

- Modernized React applications and implemented test-driven development.
- Architected reusable design systems with Azure pipelines and NPM packages.
- Collaborated with cross-functional teams and integrated AEM components.
- Built out campaigns and reusable components to be used within AEM.
- Prototyped AI-powered dashboards and RAG features using Phoenix LiveView and OpenAI.

Ingram Content Group – Software Developer (2017 – 2022)

- Led migration from AngularJS 1.6 to Angular 11 and modernized the front-end.
- Managed datasets, created complex reports using SQL and built a wholesale reporting site generating approximately $1.2 million.
- Developed a C# financial application reducing report generation from three days to about 30 minutes.
- Built data-migration services between mainframe, Vertica and MySQL systems.
- Mentored junior developers in Ruby on Rails and Angular best practices.

Education, Continuous Learning & Certifications

- **UI/UX** – Nashville Software School, 2021–2022
- **Full Stack Web Development (C#/JavaScript)** – Nashville Software School, 2016–2017
- **Programming (Visual Basic, C++)** – Northshore Community College, 2010–2012
- **Ongoing:** LangChain, RAG techniques, prompt engineering
- **Certifications:** AZ-900 Azure Fundamentals

Skills

- **Languages & Frameworks:** React, Angular, Elixir, Python, Ruby on Rails, C#, JavaScript, SQL
- **AI & Data:** LangChain, RAG, OpenAI/Anthropic APIs, data pipelines
- **DevOps & Tools:** Azure, Docker, Terraform, CI/CD, TDD, accessibility, leadership