MATTHEW WILSON

Software Engineer (Frontend-Leaning Full Stack) — Vue, React, APIs, CI/CD

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SUMMARY

Software Engineer with hands-on experience building and maintaining production web applications across the frontend and integration layer. I've worked on modernizing large public-facing platforms, integrating APIs, improving accessibility, and supporting frequent releases in Agile environments. I'm strongest at translating business and UX requirements into reliable, maintainable solutions and debugging complex issues in live systems.

TECHNICAL SKILLS

Frontend: JavaScript, TypeScript, Vue 3, Nuxt 3, React, HTML, CSS/SCSS, Tailwind, Bootstrap

Integration & Data: REST APIs, JSON, CMS integrations, client-side state management, error handling

DevOps & Tooling: Azure DevOps, Git/GitHub, CI/CD pipelines, AWS (foundational)

Quality & Practices: Regression testing, accessibility (WCAG), cross-browser testing, Agile/Scrum, code reviews

PROFESSIONAL EXPERIENCE

Navient — Software Engineer

May 2023 – Oct 2025 | Fishers, IN

Worked on modernizing and maintaining high-traffic public-facing platforms used by millions of users, with a focus on frontend architecture, API integration, accessibility, and release quality.

• Built and maintained reusable UI components in Vue and React, supporting consistent behavior across multiple applications.

• Improved accessibility across critical user flows by ~30% through ARIA fixes, keyboard navigation support, and contrast remediation.

• Diagnosed and resolved 10–15 defects per sprint, including a complex CMS JSON formatting issue requiring vendor coordination.

• Integrated REST APIs and strengthened reliability through improved error handling, data normalization, and state management.

• Supported weekly deployments by performing regression testing, cross-browser validation, and close collaboration with QA teams.

• Refactored legacy components into cleaner, more maintainable patterns to improve long-term scalability and performance.

• Partnered closely with product managers, designers, and QA to translate business requirements into production-ready solutions.

SELECTED PRODUCTION WORK

Navient.com — Full rebuild and modernization using modern Vue/React architecture.

PioneerCreditRecovery.com — Modernization and migration from Bootstrap to Tailwind CSS, improving responsiveness and maintainability.

MSBGovServ.com — Accessibility remediation and responsive upgrades to modernize legacy layouts.

EDUCATION

Bachelor of Science in Computer Science — Indiana University–Purdue University Indianapolis (IUPUI)