

Alexander Green

Software Engineer

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TheAlexanderGreen.com

SKILLS

React	MySQL	HTML / CSS
Spring Boot	JUnit Testing	Python
Vite	Angular	Typescript
Java	JPA Repository	Azure

EXPERIENCE

Medtronic, Remote - *UX Developer Consultant*

February 2024 - Present

- Delivered front-end code updates for a React Vite application in 2 week sprints, leveraging GitLab for version control and collaboration.
- Spearheaded the development of Medtronic's Interoperability app from inception, building reusable components that reduced frontend development time by 70%.
- Facilitated cross functional design alignment through weekly sessions to enhance code reusability and design practices.
- Independently developed a dynamic form generator, enabling business partners to create new web forms in under ten minutes, significantly improving efficiency.
- Implemented a scalable documentation viewer to render Markdown, JSON, and OpenAPI files in real-time, increasing the app's information display efficiency by 90%.

Optum, Remote - *Software Engineer Consultant*

February 2023 - August 2023

- Delivered full-stack improvements for a React and Java Spring Boot application hosted on Azure, focusing on code efficiency and reusability.
- Enhanced user experience by implementing new features for search bars, filter options, and patient profiles, reducing patient search times by 60%.
- Optimized back-end performance by refactoring legacy code to improve system maintainability.
- Executed database modifications and fixes using MySQL Workbench to support feature enhancements.
- Applied Agile methodologies, tracked sprint progress via Rally, and collaborated to efficiently resolve merge conflicts.

EDUCATION

University of Wisconsin, Madison - *Bachelor of Computer Science*

August 2018 - December 2023