

Alexander Green

As a proud Computer Science graduate from the University of Wisconsin, I have consistently delivered impactful contributions to my development teams. My passion for coding drives me to excel in every project I undertake. Explore my experiences below, and let's connect to discuss how I can bring value to your team!

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EXPERIENCE

Medtronic, Remote — UX Developer Consultant

February 2024 - PRESENT

At Medtronic, I led front-end development for their Interoperability app, working in an Agile environment to build reusable components and ensure code consistency. Collaborating closely with a partner developer and quality engineer, I helped refine the app's interface and functionality while managing key features such as API integration and form generation.

Optum, Remote — Software Engineer Consultant

February 2023 - August 2023

At Optum, I worked on a team of ten developers to maintain and enhance Optum's Specialty Drug app for nurses and pharmacists. I gained hands-on experience with front-end technologies like React and Redux, as well as back-end development using Spring Boot and MySQL. Additionally, I learned to debug and deploy code using Azure Cloud Services and became proficient in using GitHub, gaining valuable insight into the full development lifecycle.

PROJECTS

Learning Labyrinth — React Application

October 2023 - December 2023

Learning Labyrinth is an interactive Java learning application designed to help junior developers test and improve their Java skills. Users can log in and solve mazes by writing Java code that navigates a robot through the maze. This project is aimed at providing a fun and educational experience for those interested in Java programming. The application was developed by my team of student developers as part of our Introduction to Software Engineering class (CS506) at the University of Wisconsin - Madison. Our team consisted of five developers, with the other four members focusing on backend development. I was solely responsible for developing the frontend using React and Redux.

Cookbook — Angular/ Spring Boot Application

January 2023

The Cookbook is a recipe tracker that enables users to create and manage accounts, maintain a pantry of ingredients, and build recipes using those pantry items. The application offers a user-friendly interface to store your favorite recipes, track ingredients, and manage calorie counts. This app was developed as my capstone project for York Solutions' Barriers to Entry (B2E) program, completed over two weeks. The goal was to design and implement both the frontend and backend independently, resulting in a fully functional application.

EDUCATION

University of Wisconsin, Madison Bachelor of Computer Science

September 2018 - December 2023

SKILLS

React	Redux
Vite	Spring Boot
MySQL	JUnit
Java	Angular
HTML	CSS
Docker	Azure