

# Kevan Barter

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## Summary

Software Engineer with experience in developing full-stack web applications using ReactJS, Java, JavaScript, HTML, CSS, and Git. Proficient in implementing UI automation tests and unit tests with the Jest testing framework for robust code quality. Skilled in Java, React, TypeScript, SQL, and Spring Boot, with a demonstrated ability to create RESTful endpoints using the Axios API. Adept in configuring routes with react-router-dom for seamless navigation within applications. Well-versed in modern UI development with ReactJS and efficient state management using Redux Toolkit. Excited to contribute to innovative projects and explore new technologies. I am looking forward to potential features I'll work on at the company.

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## Professional Experience

**Maximus** | Jr Software Engineer | Remote/Hybrid

**Dec 2023 - Present**

- Develop and maintain responsive web applications using ReactJS and Typescript.
- Implement efficient state management with Redux Toolkit for scalable data flow.
- Utilize TailwindCSS for modern and visually appealing user interfaces.
- Collaborate with cross-functional teams to understand project requirements and provide technical insights.
- Contribute to the agile development processes through code reviews and continues integration and development.
- Utilized GitHub version control to keep feature branches up to date and make daily commits.

**Microsoft** | Software Engineer in Test | Remote/Hybrid

**Sep 2022 – Dec 2023**

- Migrated testing suite from Selenium to Playwright for Teams app, resulting in a 30% reduction in test execution time.
- Contributed to codebase using Typescript and implemented Playwright UI Automation tests.
- Developed and executed Unit tests with Jest testing framework to ensure code quality.
- Collaborated with developers, PMs, and designers to identify and resolve issues in a timely manner.

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## Projects

**Nitrouz Studioz** | Software Engineer | GitHub

**Jun 2019 – Present**

- Developing a web application for users to create accounts and post in a forum type setting using Java, Spring Boot, SCSS, Thymeleaf, JavaScript, and SQL.
- Followed the MVC design pattern to better separate the project implementation and organized the SQL database so that the SQL tables were normalized.
- Created Model classes to represent SQL data and Controller classes that contained CRUD methods to manipulate/read from the database.

**Job Board** | Software Engineer | Seattle, WA | GitHub | Website

**Nov 2021 – Dec 2021**

- Built and maintained an online job board using React.js, MongoDB, and Axios API.
- Developed reusable React.js components using function-based react components, reducing code duplication by 20%.
- Configured RESTful endpoints with the help of Axios API, resulting in a 50% reduction in API call time.
- Created CRUD routes to manipulate and read data from the database, ensuring data consistency and integrity.

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## Education

**Master of Science in Computer Science, Northeastern University**

**Jan 2021 to Aug 2022**

**Bachelor of Applied Science in Software Development, Green River College**

**Sep 2016 to Jun 2019**