Contact

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https://waalkesjoshua.github.io/MyPortfolio

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Education

Advanced Software Engineering

Hack Reactor 2022

Tech

- Javascript, Typescript, React, Redux, CSS3/Sass, HTML5, Thymeleaf

- Node, Express, Java, Springboot, SQL, REST, Hibernate, MyBatis

- Jest, React Testing Library, Cucumber, Junit, Karate

- Git, Webpack, Babel, Jira, CICD, Jenkins,

Certifications

Microsoft Azure Fundamentals

Joshua Waalkes
Software Engineer

Dedicated Software Engineer with a passion for crafting efficient and elegant solutions. Proven expertise in full stack development with React.js, Spring-boot, and SQL. Committed to delivering high-quality code and fostering collaborative team environments.

Experience

Wells Fargo
Jan 2023 - Present

Full Stack Software Engineer

- Implemented features such as conditional rendering, auto-complete input, and type checked reducer state, resulting in a more responsive and user-friendly interface.
- Extended Redux reducers to accommodate dynamic API changes, allowing for more loosely coupled code.
- Utilized Wells Fargo's custom CSS and React component libraries to maintain consistency for users across the enterprise.
- Documented a matrix of existing web-services and consumers to expedite impact analysis for future enhancement requests.
- Converted Bash scripts to Powershell to support application migration to windows servers hosted on PCF as part of infrastructure modernization.
- Remediated potential vulnerabilities, identified by internal audits, resulting in regulatory compliance and application security.
- Authored a regression testing suite using the Cucumber framework and Junit, automating end-to-end testing of critical API services.
- Developed an API to return list of insurance policies for a given customer, with 95% test coverage, saving the business $43,000 annually.
- Strategized project efforts and timelines by evaluating proposed technical solutions, demonstrating the ability to scope future development.
- Modified an API to return a new boolean indicator field to remain compliant with federal customer privacy regulations.
- Engineered an API for variable asset-fee taxation by implementing a "best match" algorithm to determine taxability to meet federal and state regulations.

Portfolio Highlights

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- Managed client-side routing using React-Router for a seamless user-experience while navigating the application
- Optimized browser performance by 23% by implementing Lazy-loading and code splitting to reduce bundle size
- Implemented a seamless light/dark mode feature, using React Contexts and CSS variables, to enhance UI accessibility
- Engineered custom React components utilizing CSS/SCSS to demonstrate proficiency in front-end web development