Michael Rooze

Software Developer

[github](#) | [portfolio](#)

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Professional Summary

- ❖ Seven years of experience as a software developer with technologies like React.js, Redux, Next.js, JavaScript, TypeScript, HTML, CSS, SCSS, Tailwind, MUI, Bootstrap, React Testing Library, Jest, Node.js, and Express
- ❖ Extensive experience in building reusable React components, both class and functional
- ❖ Mastery of global state management with Redux, Redux Toolkit, and React's Context API
- ❖ Experience with React Router for single-page applications and file-based routing in Next.js
- ❖ Hands-on experience consuming REST APIs with HTTP methods
- ❖ Experience with optimization techniques like useMemo, useCallback, and pure components
- ❖ Firm grasp of authentication/authorization mechanisms like JSON Web Tokens
- ❖ Awareness of security issues, cross-site scripting, and cross-site request forgery
- ❖ Deep understanding of web accessibility, WCAG compliance, and tools to ensure accessibility like Lighthouse
- ❖ Proficiency with testing frameworks such as Jest and React Testing Library
- ❖ Involved with the entire software development lifecycle implementing Agile/Scrum methodology

TECHNICAL SKILLS

Technologies: React.js, Redux, Next.js, Node.js

Programming Languages: JavaScript, TypeScript, HTML, CSS

Dev-Tools: Webpack, Babel, Bash, Heroku, Bugzilla, Chrome

Database: MySQL, SQL, MongoDB, Firebase, Xata, AWS

Testing: React Testing Library, Jest, Cypress

Methodologies: Agile/Scrum, TDD, BDD

EXPERIENCE

Coconut Tree Software, Inc, (Remote) *- Lead Software Developer*

04/2024 - 06/2024

Project: *BidMax*

Description: BidMax is a real estate application that allows users to view, buy, and sell properties.

Essential Tech: React.js, Context API, Tailwind, MUI

Responsibilities:

- ❖ Initiated and led the development of a real estate website from the ground up using React, ensuring a modular and scalable codebase.
- ❖ Utilized Google Maps API to search for addresses
- ❖ Implemented responsive design principles to ensure optimal performance across various devices and screen sizes.
- ❖ Used Axios library to make HTTP requests
- ❖ Referenced Swagger documentation to integrate client-side and server
- ❖ Built a drag and drop image slider to import images of properties
- ❖ Created a dynamic form to answer residential and condo disclosure questions

Charter Communications (Spectrum), St Louis, MO - *Software Developer IV*

10/2022 - 06/2023

Projects: *FMS and Helios*

Description: FMS is a React application that provides multiple features to assist sales activation agents in managing "fallouts", which are issues that need to be resolved to complete orders. Helios is another React application that internal teams use to test buy flows with various channel partners. It also lets teams view offers, products, and prices.

Essential Tech: React.js, Context API, MUI, React Testing Library

Responsibilities:

- ❖ Implemented, tested, and maintained software that allows sales activation agents and internal teams to resolve ordering issues and test specific buy flows utilizing the React library
- ❖ Worked effectively in a 2-week sprint Agile environment that included daily standups, story point estimates, and retro meetings
- ❖ Used Axios library to make HTTP requests
- ❖ Developed RESTful APIs using Node.js, defining endpoints to facilitate communication between our client-side applications and server-side resources, ensuring seamless data exchange and functionality integration
- ❖ Created effective unit and integration tests with React Testing Library/Jest ensuring over 90% code coverage
- ❖ Used BitBucket to create and review pull requests
- ❖ Tested and documented the DEV branch before using Jenkins to promote and deploy to the SIT environment
- ❖ Participated in production meetings to verify the deployment of accurate packages
- ❖ Led demonstrations of our team's progress in monthly meetings

Business Information Systems, Piney Flats, TN - *Web Developer*

10/2021 - 03/2022

Project: *Star*

Description: This app, built with React and Redux, provides multiple features to assist county clerks across Tennessee in handling transactions for new license plates and vehicle registrations as well as managing inventory

Essential Tech: React.js, Redux, HTML, CSS, Javascript, Typescript, PHP

Responsibilities:

- ❖ Designed, implemented, tested, and maintained software that handles transactions and manages inventory using React and Redux
- ❖ Participated in daily standup meetings and communicated effectively in an Agile environment with the QA team and project managers
- ❖ Integrated hardware in the use of barcode scanners on license plates
- ❖ Used Redux-Thunk middleware with Axios library to make HTTP requests
- ❖ Reviewed, refactored, and approved co-worker's code in the GitLab environment
- ❖ Followed PCI security data standards to ensure a secure environment
- ❖ Used Monetra technologies and TranSafe to test credit cards to ensure safe and secure transactions
- ❖ Implemented React forms and form validation with inputs using two-way data binding
- ❖ Created effective unit and integration tests with React Testing Library/Jest
- ❖ Used GitLab to raise pull requests and Bugzilla to track bugs and relay progress to the QA team

Beaverton Toyota, Beaverton, Oregon - *Web Developer*

06/2019 - 09/2021

Project: *Clear Path Pro*

Description: This is a web app built with React and Redux. It offers various features and tools for efficiently managing car sales in the automotive retail industry

Essential Tech: React.js, Redux, HTML, CSS, Javascript

Responsibilities:

- ❖ Designed, implemented, and maintained web applications used by clients in the automotive retail industry using React and Redux
- ❖ Built a Virtual Showroom that pulled data from the inventory management system via API requests and displayed with server-side pagination, filtering, and sorting
- ❖ Constructed scheduling and work order tools to decrease downtime
- ❖ Developed a comprehensive feature that facilitates the entire car-buying experience encompassing financing and insurance to ongoing maintenance
- ❖ Represented web team at meetings with executives and presented project goals and milestones
- ❖ Developed routing system with React Router to ensure single-page application behavior
- ❖ Improved sales numbers through the implementation of our software
- ❖ Initiated responsive web design for all viewports

Angi (formerly Angie's List), Indianapolis, IN - *Web Developer*

08/2017 - 05/2019

Project: *Job Management Board*

Description: This is a web application where service providers can manage jobs for their customers by adding notes, communicating with clients via chat service, and posting progress pictures.

Essential Tech: React.js, Redux, HTML, CSS, Javascript

Responsibilities:

- ❖ Used React and Redux to create multiple features for service providers to manage their jobs more efficiently
- ❖ Constructed reusable ES6 class components
- ❖ Involved in daily standup meetings with the product owner and Scrum master
- ❖ Built feature to add freeform notes with React forms and inputs utilizing two-way data binding
- ❖ Converted and refactored Angular code to React to increase the performance of the application
- ❖ Created a chat inbox that enabled service providers to send and receive messages from their customers
- ❖ Developed a feature for service providers to post progress pictures of the job
- ❖ Worked with backend team management to integrate with REST endpoints
- ❖ Collaborated with UX designers to ensure deliverables met business expectations
- ❖ Used React testing library and Jest to create a front-end test suite

EDUCATION

Indiana State University, Terre Haute, IN - *Bachelor of Science*

Graduated 05/2012