

MAHESH

Sr Frontend Engineer

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PROFESSIONAL SUMMARY:

- Around 11 Years of IT experience in developing User Interface (UI) Applications and professional web applications with **HTML 4.0/5, CSS2/ CSS3, JavaScript, Typescript, React, Redux, Angular, jQuery, JSON, and Bootstrap.**
- Having **React JS** experience for designing **interactive UI** with **One-way data flow, Virtual DOM, JSX, and React Native ideas.**
- Worked directly with business project owners, project managers, and development teams to understand needs and create design solutions.
- Taking part in the software development lifecycle which includes **functional definition, user flows, interaction models, user interface design, page layouts, content style guides, and design patterns.**
- Involved in development of **REST Web Services** using Spring Cloud to extract client related data from databases and used **POSTMAN** for testing **RESTFUL API** web services.
- I have knowledge of writing **SQL Queries** and experience with **relational databases MySQL.**
- Experience in working with the **Document Object Model (DOM) and DOM Functions.**
- Strong experience in good **code standards-based, responsive, cross-browser compatible** and **search engine optimized** web sites.
- Experience in creating Responsive Pages using **Bootstrap, Media Queries and CSS flex box.**
- Experience in developing applications using Amazon Web Services like **EC2, S3, code commit.**
- Expertise in Client Side designing and validations using **HTML and Java Script.**
- Experience in utilizing **Axios** to integrate third-party APIs, enabling dynamic content rendering and data manipulation.
- Working Experience and understanding with Firebug for Mozilla and IE Developer Toolbar for Internet Explorer, Web Inspector for Safari, Developer Toolbar for Chrome.
- Created **TypeScript** reusable components and services to consume REST API's using Component based architecture provided by **Angular.**
- Involved in unit testing of the software modules using **Jasmine.**
- Wrote comprehensive unit and integration tests with Jest and Enzyme.
- Participated in designing new mockups and prototypes.
- Good working knowledge of CSS preprocessors like **SASS and LESS.**
- Designed responsive layouts with Bootstrap and Material UI, focusing on a mobile-first approach.
- Understanding and good Experience with **Object Oriented Concepts, Object Oriented JavaScript, Object Oriented Design, and Implementation.**
- Experience in configured **Webpack** for project builds, including custom loaders and plugins, resulting in a more efficient development workflow.
- Solid expertise in developing Html pages based on **DIV layout, W3C Compliance, Web Accessibility, Web Usability and Cross browser platform.**

- Experience in implementing **Webpack** optimizations for efficient real-time updates and low latency.
- Hands on experience with Web Responsive using **Bootstrap's templates**.
- Experience in writing extensive tests with **Enzyme** to validate component behavior and UI interactions.
- Hands on experience testing of React components with **Enzyme**, contributing to the overall stability and performance of the application.
- Used **GIT** for version control.
- Proficient in writing **unit, integration, and end-to-end tests**, to ensure the quality of the code and skilled in troubleshooting and **debugging** complex issues.
- Excellent interpersonal abilities, communication skills, time management and Team skills with an Intention to work hard to attain project deadlines under stressful environments and understanding various business functionalities.

Technical Skills:

Web Technologies	-	HTML/HTML5, CSS/CSS3, JavaScript, JSON, jQuery, Angular, Node JS, Bootstrap, React
Web Services	-	RESTful
IDE & Tools	-	Visual Studio, WebStorm, Eclipse
Version Control	-	GitHub, Bitbucket, Git
Debugging Tools	-	Chrome Developer, IE Developer Toolbar, Safari Web developer
Languages	-	Java Script, Typescript
Other Development Tools/Libraries	-	Adobe Photoshop, Microsoft Office 2010, Bower, Abstract, In Vision, Sketch
Testing	-	Enzyme, Jest, Storybook
Database	-	PL/SQL, MySQL, MongoDB.
Operating System	-	Windows 7/8/10, MAC OS X, UNIX/LINUX
Build Tools	-	Webpack
Methodologies	-	Agile

Professional Experience:

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Role: Frontend Developer

Jun 2023 - Present

Responsibilities:

- Collaborated with end users and business analyst to understand the business requirements.
- Built responsive **single-page applications (SPA)** using React and tools like Create **React App** for project setup and optimization.
- Developed web pages using **React** working with React components and managing state using React's state management solutions like **Redux Toolkit, Context API**.
- Actively took part in technical meetings, requirements gathering, analysis, planning, effort estimations, development, and testing.
- The project operates on agile project development cycle with Bi-weekly sprints, daily standup, retrospective sessions, and sprint planning.
- Used React for creating interactive UI's using One-way data flow, **Virtual DOM, JSX** to develop **SPA**.

- Integrated **Axios** for efficient and reliable API interactions, handling complex data fetching and state management.
- Utilized **SASS** for creating more organized, reusable, and responsive code.
- Implemented **React Router** to enable navigation from one view to the next as agent performs application tasks.
- Utilized Bootstrap and **Material UI** for creating responsive and aesthetically pleasing user interfaces.
- Redesigning/ developing the main website to improve user experience and add new functionality.
- Adopted **Git** for version controlling and **JIRA** for project tracking.
- Used **Webpack**, **babel** and gulp for compilation configuration for typescript and JSX to be converted to JavaScript.
- Integrated Storybook for isolated component development and visual testing.
- Implemented code splitting and bundle analysis using **Webpack** plugins to optimize the application's performance and bundle size.
- Contributed to the development and maintenance of **CI/CD pipelines** using Jenkins and Git.
- Implemented responsive design principles with Material UI and custom CSS, ensuring cross-device compatibility.
- Involved in testing for cross browser functionalities to confirm the application consistency across various browsers.
- Conducted unit and integration testing with Jest and Enzyme, maintaining high code quality.
- Performed regular code reviews to maintain test quality and consistency across the codebase.
- As an onsite coordinator, I have interacted with the offshore team to give the Functional and Technical Knowledge and to track the status of the project.

Environment: HTML5, CSS3, SASS, ES6, React, Redux Toolkit, Lodash, jest, GIT, Charts.js.

Prudential Financial

Role: Frontend Developer

Aug 2021 - Apr 2023

Responsibilities:

- Worked in designing, developing, and testing web applications by using **HTML5, CSS3, SASS, Bootstrap, React.**
- Involved with designers and used tools like Figma to produce polished user interfaces and build intuitive and user-friendly interfaces that enhance the user experience and improve site interactions.
- Strong experience with Cross Browser Compatibility Optimization for web, including CSS Sprites and best issues and practices.
- Worked with **NPM** commands and the usage of Package.Json for managing dependencies and dev-dependence packages.
- Utilized **Axios** to integrate third-party APIs, enabling dynamic content rendering and data manipulation.
- Design, develop and test **HTML5, CSS3, Material UI, JavaScript and React.js** that meet accessibility and web browser standards and **SEO.**
- Implemented **React-Router, Redux, ES6**, web pack and **Grunt** to turn application into SPA.
- Created new optimized responsive web pages that are accessible on a mobile device as well as a PC.
- Built dynamically generated dropdown lists.
- Implemented Storybook for isolated component development and testing.

- Participate in peer review of team members work and provide mentorship.
- Write and maintain unit and functional tests.
- Implemented testing using Enzyme and Jest, ensuring high code quality and reliability.
- Implemented **Webpack** configurations to streamline the build process and manage project dependencies.
- Optimized **Webpack** configuration for faster builds and better development experience.
- Created custom **Webpack** loaders and plugins to handle specific project requirements and enhance the build process.
- Designed and implemented reusable components with Material UI, ensuring a consistent and efficient design system.
- Assisted in the development and maintenance of CI/CD pipelines, automating build and deployment processes.
- Implemented snapshot testing to ensure UI consistency and prevent unintended changes.
- Developed custom Jest matchers to simplify test assertions and improve readability.
- Help establish and maintain standards and best practices.

Environment: HTML5, CSS3, SASS, flexbox, JavaScript, React, Redux, ES6, jest, GIT, JIRA, MUI.

Carrier

Role: Front End developer

Feb 2020 - Jul 2021

Responsibilities:

- Created web presentation layers using **HTML5** and **CSS3**, adhering to internal standards and guidelines. Utilized a CSS preprocessor like SASS for efficient styling.
- Used React libraries such as React Router for routing and Redux for state management.
- Developed dynamic and multi-browser compatible web pages based on W3C standards using React, HTML5, CSS3, and JavaScript.
- Utilized React hooks and functional components for better code organization and reusability.
- Built a collaborative task management tool using **React**, **Redux**, enabling real-time updates and user interactions.
- Utilized a server-side rendering framework like Next.js for improved initial page load performance.
- Utilized React features like **conditional rendering**, **JSX syntax**, and **form validation**.
- Built responsive Single Page application (SPA) using React and tools like Create React App, Next.js for project setup and optimization.

Environment: HTML5, CSS3, SASS, JavaScript, React, Next.js, Tailwind.css.

EIG (Equity Insurance Group)

Role: Front End developer

Feb 2018 - Jan 2020

Responsibilities:

- Involved in all phases of Software Development Life Cycle (SDLC) of project including requirement Analysis, Designing, Building, Unit testing and Deployment.
- Working in the **Agile/Scrum** development environment with frequently changing requirements and actively participating in scrum meetings and reviews.

- Using the latest HTML5 elements for video playback, content rendering using semantic tags such as article, section, Canvas etc.
- Designed and Developed Web applications using CSS pre-processors **SASS**.
- Working on developing prototypes using Node JS and **Angular 2** and web compliance.
- Used Grunt, a web pack with node js server in ES2015 for creating Single Page Applications.
- Implemented Angular 2 Router to enable navigation from one view to the next as agent performs application tasks.
- Worked with **NPM** commands and using package. Json for managing dependencies and dev-dependencies of Node js applications.
- Creating a responsive web application integrating **Bootstrap** with Angular 2 and media queries.
- Responsible for manipulating **HTML5, CSS3** as well as making the page's dynamic using JSON and XML.
- Implement UI page loading test by running test script on Webpage Test.
- Used GitLab for code repository and version control.
- Developed a single page, mobile-first, cross-device/cross-browser web application for real-time location sharing utilizing **Angular, JavaScript** API.
- Developed custom directives and Services in Angular.

Environment: HTML5, CSS3, SASS, JavaScript, Angular.

Westpac group

Role: UI Engineer

Apr 2013 - Jan 2018

Responsibilities:

- Developed the **HTML, CSS, and JavaScript** of the pages with emphasis on performance, accessibility (AA), Reusability and SEO standards.
- Extensively worked on building functional modules using **JavaScript** and jQuery.
- Successfully handled JSON /XML data and carried out JSON/XML parsing for form submissions and DOM manipulation.
- Used **jQuery** extensively for event handling, DOM manipulation and cross-browser compatibility.
- Resolved many cross-browser compatibility issues in CSS.
- Worked on Content Manager for adding the tabs and lot of content to the web pages.
- Worked for the support team and fixed bugs and pending tasks on various pages in the websites under tight deadlines.
- Used Adobe Illustrator for cutting the images and UI requirements from the creative team.

Environment: HTML4/5, CSS2/3, JavaScript, jQuery, Content Manager, JSON, AJAX.