Madhavi Mullapudi,
React Js Developer
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Work Authorization Status: Green Card.

PROFESSIONAL SUMMARY

Self-motivated Web Developer with a passion and focus for creating clean, user-friendly, and data-driven web applications. Have an experience of over 6 years as a Front - End Developer in developing User Interface (UI) for Web Applications by using React JS, Next JS, Redux, Typescript, JavaScript, jQuery, HTML/HTML5, DOM, CSS/CSS3, Bootstrap, ES6, Rest API, Ajax, JSON.

➢ Experience in all phases of SDLC like Requirement Analysis, Implementation and Maintenance, and extensive experience with Agile and SCRUM.
➢ Expertise in React.js with TypeScript to develop Single Page Applications (SPA), for creating interactive UIs using One-way data flow, Virtual DOM, and JSX by keeping the application and libraries updated and using best development practices.
➢ Expertise in using React JS components, Forms, Events, Router, plus Redux, Animations, and Flux concepts.
➢ Experience in working with Redux architecture using complex Object-Oriented concepts in to improve the performance of the websites.
➢ Expertise in using Middleware, and Redux-Promise in applications to retrieve data from Back-End and to also perform RESTFUL services.
➢ Expertise in creating user Interfaces using HTML5 & CSS3
➢ Expertise in analyzing the Document Object Model (DOM) Layout, DOM Functions, and Java Script functions, Cascading Styles across cross-browser using Fire Bug, and Developer Tool Bar.
➢ Expertise in designing dynamic and browser compatible pages using Figma as a designing tool.
➢ Experience with Agile methodologies and Test-driven development processes.
➢ Expertise in designing, developing, and testing a Single Page Application (SPA) using React, TypeScript, JavaScript, HTML5, CSS.
➢ Expertise in creating Templates, Mockups and Prototypes, Web Interfaces, Layouts.
➢ Expertise in RESTful, SOAP web services to integrate between Application to Application
➢ Expertise in following front-end development best practices such as code to modules, unit testing, UI validations, and peer reviews.
➢ Proficient in JavaScript Unit Testing using Jest Framework.
➢ Experience in using webpack to bundle TypeScript and JavaScript modules.
➢ A very good understanding of AWS services like Lambda and S3.
➢ Expertise in Version Control tools like CVS, GIT, SVN, and Clear-Case for Source Code version management.
➢ Ability to work effectively while working as a team member as well as individually.
➢ Experience in customizing the admin user interface of STRAPI CMS.
➢ Very good understanding of CI/CD process.

Technical Skills

- **Languages**: HTML, CSS, JavaScript ES6, TypeScript, Object Oriented Programming (OOP), Core Java, SQL, JSX
- **Libraries:** jQuery, Node.js, React.js, Redux, Rx JS, Flex Box
- **Frameworks:** Bootstrap, MaterializeCSS| AJAX, localStorage, Spring MVC, Spring Boot, Hibernate, Maven, Figma
- **Deployment:** Heroku, Git | Databases: MySQL, MongoDB

Non-Technical Skills

- Team Player
- Excellent time-management skills
- Great interpersonal and communication skills
- Strong analytical and problem-solving skills

Education

Bachelors in Electronics and Communications: Jawaharlal Nehru Technological University Hyderabad.

Certification:

Boot camp Certificate: University of Washington, Seattle Washington.

A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, JavaScript, jQuery, Bootstrap, Firebase, Node Js, MySQL, MongoDB, Express, Handelbars.js, ReactJS, and Redux

Professional Experience:

React JS Developer
Client: Warner Bro's Discovery *September 2022 – December 2023*
Atlanta, GA - Remote

Responsibilities:

➤ Prototype and develop reusable components for developers and provide expert technical guidance and support to use them effectively.
➤ Developed a React application using React hooks, Context API on top of a headless CMS, Strapi.
➤ Exclusively used React hooks to handle application life cycle processes.
➤ Implemented Drag and Drop functionality using react-dnd library.
➤ Designed and developed a dashboard page using React and Recharts.
➤ Applied web design principles to create visually appealing interfaces that enhanced user experience by using Figma as a designing tool.
➤ Lead design, coding, and problem-resolution activities as requested to ensure technical viability.
➤ Collaborated with cross-functional teams to implement UI/UX improvements, resulting in a 20% increase in user engagement.
➤ Utilized AWS services such as S3 for file storage and Lambda for serverless functions.
➤ Gained hands-on experience with AWS cloud services, including S3, and Lambda.
➤ Directed the work of others as requested and perform hands-on coding, testing, support, or other tasks as necessary to ensure the success of the deliverables according to user requirements.
➤ Troubleshoot and fix bugs, security vulnerabilities, and operational issues.
➤ Worked with product and engineering teams to design, develop, test, deploy and monitor new feature code reviews.
➤ Worked closely with back-end team.
➤ Follow Agile/Scrum planning and process improvement.

React JS Developer
Client: Microsoft
February 2021 – August 2022

Responsibilities:

➤ Developed applications in React include component design and state management for specific use cases.
➤ Designed, developed, and tested UI for web applications using React JS, Next JS
➤ Collaborated with team members using Figma to create wireframes, prototypes, and high-fidelity designs for a React-based application.
➤ Translated design mockups from Figma into responsive and visually appealing user interfaces using react.
➤ Maintained high-level expertise in React State Management strategies using Redux.
➤ Exclusively used React hooks to handle application life cycle processes.
➤ Built reusable code and libraries for future use.
➤ Wrote application-specific logic, and validations in JavaScript and Typescript
➤ Worked in Agile Methodologies for incremental development to deliver better applications.
➤ Worked closely with clients to establish specifications and system designs.
➤ Worked closely with the Back-End team to display data using the Custom Components, library components and Redux.
➤ Worked on a chat bot application developed by AI/ML.
➤ Worked closely with AI/ML team, for discussing UI and API contract, and also for fixing some high priority bugs.
➤ Reviewed code, debugged problems, and corrected issues.

- Adhered to established process and quality standards, while providing input to improvements of these standards Extensively used Git for version controlling.
- Worked with business stakeholders and project managers to manage timelines and client expectations.
- Accurately translate user and business needs into functional front-end code
- Produced multiple visual elements of a web application by translating the UI/UX design.
- Participated in peer's code reviews and provided appropriate comments to make sure the code is up to the company's coding standards.
- Participated in calls with the API team to decide on UI-API contract for feature development.
- Meeting with the development team to discuss user interface ideas and applications.
- Coordinating with various teams working on distinct layers
- Leading and guiding an offshore team of 3 people.

React JS Developer
Client: Walmart
October 2019 – January 2021

Responsibilities:
- Designed, developed, and tested UI for web applications using React JS
- Participated with end users and business analysts to understand the business requirements.
- Used High-Order-Components (HOC) to bind actions to Container components to avoid unnecessary codes/imports, increase code reusability.
- Used Stateless (Pure Functions) Components to build reusable display-only components to save code and increase readability.
- Worked on responsive design and developed a single isomorphic responsive website that could be served to desktop, Tablets and mobile users using React JS
- Created a state management in React application using redux for the data flow within the application.
- Worked on deploying the SPA React app in AWS S3 bucket.
- Worked on regular interaction of Restful API design calls to populate the UI on the app using get, put, post, and delete.

React Developer
BCBS, WA
March 2018 - Sep 2019

Responsibilities:
- Designing, developing, and testing the web application by using HTML5, CSS3, Bootstrap, React.JS and Redux.
- Designing the CSS templates for use in all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.
- Applied optimization techniques to reduce page size and load times to enhance user experience using sprites.
- Developed user interface by using the React JS, Redux for SPA development.
- Involved in responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React.js.
- Developed client-side Interface using React JS.
- Used React-Router to turn application into Single Page Application
- Used ReactJS components, Forms, Events, Keys, Router, Animations and Flux concept.
- Building stable React components and stand-alone functions to be added to any future pages.
- Developed the Drag and Drop functionality using React-Draggable.
- Used React-Autocomplete for creating google map's location search on the webpage.
- Components for UX-Library consisted of Button, Checkbox, Input, Icons, Toggle Button, Dropdown, Multi-Level Dropdown and many more.
- In Phase Two, I worked closely with the Back-End team to display data using the Custom Components, library Components, and Redux.
- Created and used Reducers that received said Actions to modify the Store State Tree.
- Maintained states in the stores and dispatched the actions using redux.
- Working with ECMA Script 6 features. For the building of JSX and ES2015 (ES6) Babel, web pack.
- Used Middleware, Redux-Promise in application to retrieve data from Back-End and to also perform RESTFUL services.
- Optimized animation logic with optimistic functions to increase performance in rendering.
- Designed and developed Node Js API Contracts.
- Works with backend engineers to optimize existing API calls to create efficiencies by decreasing unneeded API calls.

- ➢ Used Restful web services to call for POST, PUT, DELETE and GET methods.
- ➢ Utilized React for its efficient data flow architecture to create a lightweight and render efficient web app that searched projects via the GitHub API through keywords.
- ➢ Used Object Oriented Programming concepts to develop UI components that could be reused across the Web Application.
- ➢ Used Git for version controlling and regularly pushed the code to GitHub.
- ➢ Used HP Quality Center as the bug tracking system to track and maintain the history of bugs/issues on an everyday basis.
- ➢ Works with JASMINE unit test framework to write unit tests for JavaScript code.
- ➢ Extensively used debugging tools such as Firebug and IE Dev tools to investigate the issues and fix the bugs.
- ➢ Wrote code to handle cross browser compatibility issues in IE 7, 8, 9, FF, Safari and Chrome
- ➢ Knowledge of Node.js environment set-up and interacted with the Node Service team to get the Service.
- ➢ Interacted with Testing Team, Scrum Masters and Business Analysts for fixing Issues.
- ➢ Interacted with Customers and development teams for Fix the Issues.
- ➢ Performed the System Testing, Regression Testing for Complete UI after fixing the Issues which are reported by Testing Team.

Environment: HTML 5, CSS3, Sass, Less, JavaScript, Bootstrap, ReactJS, Redux, Ajax, My SQL, XML, XSL, XSLT, JSON, GitHub, Restful API, Mongo DB, Jasmine, and Web Strom.

Software Developer
Polaris Software Lab India Ltd, India.   *January 2008 – December 2009*

Responsibilities:
- ➢ Worked on Polaris-owned Intellect applications suite for financial institutions that supported major retail banks, ICICI and State Bank of India. Played roles of a front-end developer and business analyst while developing custody solutions for the above-mentioned banks
- ➢ I guided a group of six members and delivered the project on time showing strong leadership capabilities.
- ➢ Known for strong analytical and troubleshooting skills in the team; during the testing phase, found 8-10 bug fixes.
- ➢ Maintained and supported existing modules and applications in production.
- ➢ Ensured all software module dependencies were functioning properly and maintained data integrity between distinct modules of the entire system.
- ➢ Delivered sessions to ramp up new team members on system functionality and business requirements.

Web Development Projects

uPic - The Photo Contest Portal:
A Full-stack, MERN application that provides the user with the ability to start a new Photo Contest or participate in an existing one. Users can view the photos and vote for their favorites. The photos with the most votes win.

> **Team:** Collaborated with a team of 3 developers, finishing the project within 3 weeks.
> **My Role:** Ideated, scoped, planned, and designed and developed the Front-End and Back-End for uploading photos, signup page, picture rating, and contest entry's view, contest search by category and user profile view.
> **Technologies:** ReactJS, Node, Express Web Server, Mongo/Mongoose database, AWS S3, Mailjet NodeJS, Passport.js authentication, Bootstrap
> **Deployed Project:** https://guarded-journey-33108.herokuapp.com/
> **GitHub Repo:** https://github.com/iskona/uPic.git

Google Books Search:
A Full stack, MERN application that provides the user with the ability to search, view and save books via the Google Books API.

> **My Role:** Designed and Developed the Front-End and Back-End for the entire application.
> **Technologies:** ReactJS, Node, Express Web Server, Mongo/Mongoose database, Bootstrap
> **Deployed Project:** https://desolate-atoll-64246.herokuapp.com/
> **GitHub Repo**: https://github.com/Madhavic1/MERN-Google-Books-Search.git

DevHire - Project Management System:

An application, for employers and freelance developers, to connect and work. An employer can create projects, browse developers, and assign the project. A Developer has the option of accepting or rejecting the projects, and then marking the projects as complete when finished.

Team: Collaborated with a team of 3 developers, finishing the project within 2 weeks.

My Role: Worked on the design and developed frontend and backend REST API for the developer feature of this application.

Technologies: Handlebars, Sequelize ORM, jQuery, JavaScript, Bootstrap, HTML/CSS

Deployed Project: https://immense-brushlands-05326.herokuapp.com/

GitHub Repo: https://github.com/iskona/DevHire.git

Code Quiz:

A timer-based quiz application that stores high scores on the client side. The user can choose from 3 quiz options and answer the coding questions. This application shows the high scores and stores them in the browser using local Storage API.

My Role: Designed and created the front-end web pages and created the functionality using JavaScript validations.

Technologies: HTML, CSS, JavaScript, jQuery, local storage.

Deployed Project: https://madhavic1.github.io/CodeQuiz/ ,

GitHub Repo: https://github.com/Madhavic1/CodeQuiz.git/