Shiva Prasad. D

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Full stack developer (**MERN**) with 2 years of experience building responsive and single page web applications using **ReactJS-Redux, NodeJS, Express, NextJS, MongoDB** and **Socket.io** with good user experience in an agile environment.

Summary

- Good experience in developing web pages using **React JS, Redux, Thunk, NodeJS, NextJS, Express** and **MongoDB, Socket.io, JSON, Ajax** and **Bootstrap, JSX, HTML5, CSS3, SASS** and **sendgrid.**

- Experience in all phases of SDLC like Requirement Analysis, Implementation and Maintenance, and experience with Agile process and SCRUM model method.

- Experience in creating components using **React-Redux** and single - page applications (SPA)

- Good understanding of search engine optimization techniques and **NextJS** for server-side rendering of the application.

- Good hands on experience in designing and developing backend using N**odeJS, NextJS, Express** and **MongoDB** and good understanding of **HTTP protocol** and standards.

- Hands on experience in designing security features using **OAuth, Bcrypt** and **JWT**

- Good Expertise in analyzing the Document Object Model (DOM) Layout, DOM Functions, Cascading Styles across cross-browser using Developer Tool Bar.

- Experience in using **React JS components, State, Forms, Events, Router, React Hooks** and **Redux**

- Experience in developing and integrating front-end and back-end applications.

- Good experience accessing external **APIs** using **Axios** using **Thunk** for asynchronous data access.

- Proficiency across **Redux concepts** and implementation of Redux store and state.

- Proficient in using unit testing framework with Jest test runners.

- Good understanding of NodeJS architecture - **V8 engine, LibUV, event loop** etc.

- Experience in version control tool **GIT** for source code version management on **GitHub**.

- Experience in working in DevOps environment using continuous integration and deployment with Jenkins

- Expertise in using IDEs - **VS Code** and **Notepad++**

- Good communication skills with the ability to communicate technical and non-technical teams

- Excellent knowledge of **JavaScript concepts** and popular libraries and frameworks.

Technical Skill set

Web Technologies: React JS, Redux, NodeJS, NextJS, Express, MongoDB, JSX, HTML5, CSS3, Bootstrap, Webpack, AJAX and SASS

Programming languages: JavaScript - ES6/ES7 and strong Object-Oriented Concepts

Backend/Web Servers: NodeJS, NextJS and Express

Database: MongoDB

IDEs: VS Code

Test tools and frameworks: Jest

Version control systems: Git/GitHub

Operating Systems: Windows 10

Cloud platforms: Heroku

CI/CD: Jenkins

Methodologies: Agile

Employment history:

MERN Full stack Developer: Jun 2018 - Till date

Professional Experience

v-Doctors

Trainline UK

Ananya engineers

Trinetra Web Technologies

Live chat with socket.io

Set Trend

Roles and Responsibilities:

• Developed user interface by using the **React JS, Redux for SPA** (single page application) development.

• Designed Single Page Application using **React-Router** and maintained states using **Redux**

• Designed and developed backend **APIs using NodeJS, Express, NextJS** and **MongoDB.**

• Used **Postman** to test the validity of the responses from the backend.

• Integrated frontend and backend and used **RESTful Web services** for transmission of large blocks of JSON.

• Working with **Restful web services** calls for **POST, PUT, DELETE** and **GET** methods.

• Used **Axios** and **Thunk** to access external APIs for asynchronous data access and Redux store for state maintenance.

• Designing security features using **OAuth, Bcrypt for authenticity** and **JWT** for session management.

• Used Object Oriented Programming concepts to develop UI components that could be reused acrossthe Web Application.

• Responsible for checking cross browser compatibility and hence worked on different browsers **Chrome, Firefox** and **Internet Explorer**.

• Working on **Git** for version controlling and regularly maintained the code on **GitHub**.

• Used **JIRA** as the collaboration and bug tracking system to maintain the tasks and history of bugs/issues

• Used sendgrid for cloud-based email service that provides reliable transactional email delivery.

• Worked with **Jest** unit test framework to write unit tests for JavaScript code.

• Extensively used debugging tools such as **Chrome Dev tools** to investigate the issues and fix the bugs.

• Worked in DevOps environment for continuous integration and continuous deployment using Heroku

• Worked on **Socket.io** implementation for persistent client and server communications.

• Collaboration with Testing Team, Scrum Master and Business Analysts, product owner in an Agile development.

• Performed the **Unit testing** and Regression Testing for Complete UI after fixing the issues

Environment: React JS, Redux, NodeJS, NextJS, Express, MongoDB, CSS3, Sass, JavaScript, JSX, Bootstrap, Webpack, Ajax, JSON, Git Hub, Restful APIs, Heroku, JIRA, Jest, Socket.io ,sendgrid and VS code.

Education: Bachelor of Computer Science, Sri Krishnadevaraya University, Anantapur