

Shiva Prasad. D

+91-6301069400

Email: [shivaprasad.ds@outlook.com](mailto:shivaprasad.ds@outlook.com)

LinkedIn: [linkedin.com/in/shiva-prasad-mern-full-stack-developer-38882b193](https://www.linkedin.com/in/shiva-prasad-mern-full-stack-developer-38882b193)

GitHub: <https://github.com/shivaprasadgit/>

Portfolio: <https://master.d2vj91mdeojmvi.amplifyapp.com/>

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 **NodeJS, 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 across the 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