

# SIVA KUMAR B

## Software Engineer

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### SUMMARY

Front-End Developer with 4 years of experience in building modular, user-centric, and scalable web applications. Highly proficient in JavaScript (ES6+), React.js, and TypeScript, with hands-on expertise in component development, state management, and handling data flow using Redux and Context API. Strong understanding of HTML5, CSS3, responsive design, and user interactions, along with experience working closely with designers to bring UX designs to life. Skilled in developing web technologies with cross-browser compatibility, API integration, and automated testing. Adept at using modern dev tools and Agile methods to deliver quality products efficiently.

### TECHNICAL SKILLS

- **Programming & Frameworks** : JavaScript (ES6+), TypeScript, React.js, Redux, Context API
- **Web Technologies** : HTML5, CSS3, SCSS/Sass, REST APIs, HTML, GraphQL, Bootstrap, Material-UI
- **Component & UI Development** : Functional Components, React Hooks, Component Lifecycle, Modular Architecture
- **Design & Interaction** : UX Design Implementation, Responsive Design, Accessibility (WCAG), User Interactions
- **Build Tools & Automation** : Webpack, Babel, Git, Jenkins, GitHub Actions, Microsoft Power Automate
- **Testing & Quality** : Jest, React Testing Library, Chrome DevTools
- **Version Control & Workflow** : Git, SVN, Agile, Scrum, Jira, Bugzilla
- **Collaboration** : Cross-functional team collaboration with designers, developers, and product managers

### PROFESSIONAL EXPERIENCE

**Solartis** | Madurai, Tamil Nadu

**Software Engineer** | July 2022 - Present

- Built and maintained reusable, scalable React components for dynamic and interactive web interfaces
- Developed modular UI components based on JSON configurations for flexibility and reusability
- Implemented robust state management using Redux and Context API to manage complex data flow
- Collaborated with product teams and designers to accurately implement user interfaces and UX guidelines
- Integrated RESTful to power dynamic front-end content
- Enhanced browser compatibility and responsiveness across devices using SCSS and Material UI
- Implemented and maintained automated tests using Jest and React Testing Library to ensure high-quality, reliable code.
- Participated in Agile ceremonies and contributed to continuous improvement efforts.

- Developed modular, responsive user interfaces using React.js, HTML, and CSS3.
- Implemented cross-browser compatible features and ensured accessibility compliance.
- Managed version control using Git and SVN, and collaborated via Jira and Bugzilla.
- Identified UI issues and resolved defects related to responsiveness and data rendering.

## **TOOLS & TECHNOLOGIES**

JavaScript, React.js, Redux, Context API, HTML5, CSS3, SCSS, Webpack, Babel, Git, HTML, Jenkins, REST APIs, Axios, Jest, React Testing Library, Microsoft Power Automate, Chrome DevTool.

## **ACHIEVEMENTS**

- Built a component library to streamline development across products and reduce code duplication
- Reduced manual testing time by building unit and integration tests using Jest
- Worked on a modular form engine that allowed runtime configuration using JSON
- Collaborated with designers to roll out a major redesign aligned with accessibility standards
- Delivered UI enhancements that significantly improved product usability and reduced user error rates

## **EDUCATION**

2017 - 2021 | K.L.N College Of Information Technology  
Bachelor of Information Technology