

BAVANNARAYANA KAVARTHAPU

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Summary

Frontend Developer with 3+ years of experience specializing in building modern, scalable, and performant web applications using **React.js** and **Redux**. Proficient in developing **responsive UIs**, integrating **RESTful APIs**, and optimizing for **cross-browser performance**. Strong understanding of Agile methodologies, component-driven development, and frontend architecture. Passionate about delivering clean, maintainable code and enhancing user experience through innovative UI/UX strategies.

Skills

Languages : JavaScript (ES6+), HTML5, CSS3

Libraries/Frameworks : React.js, Redux, Tailwind CSS, Bootstrap

Tools : Git, GitHub, Visual Studio Code, Vite

Testing : React Testing Library, Jest

Experience

Tata Consultancy Services, Frontend Developer

Feb 2022 - Present

- Developed and maintained **enterprise-level React applications** with Redux and REST API integrations.
- Enhanced application speed and responsiveness by **25% using lazy loading, memoization**, and dynamic imports.
- Built **reusable UI components** with Tailwind CSS, improving design consistency and maintainability.
- Integrated **Redux for global state management**, handling complex user workflows across multiple modules.
- Partnered with QA to implement **unit testing using Jest and RTL**, achieving >90% test coverage.
- Ensured **mobile responsiveness and cross-browser compatibility** across all supported platforms.
- Participated in daily stand-ups and sprint planning in Agile teams.

Projects

ThaiKart | *Javascript, React JS, Redux, Tailwind, React Router*

- Developed product listing, cart, and multi-payment support with local currency integration.
- Used Tailwind CSS for responsive design and optimized performance for mobile users.
- Implemented authentication, routing, and UI state management in React.
- Created **custom React hooks** for data fetching and input validation.
- Integrated Redux and REST APIs to maintain data consistency and secure user sessions.

FinBank | *Javascript, React JS, Redux, Bootstrap, React Router*

- Built responsive banking dashboard supporting transactions, budgeting, and account summaries.
- Used Bootstrap for layout and UI, React for interactive components.
- Implemented lazy loading with Suspense and custom hooks to enhance user experience and performance.
- Integrated Redux and REST APIs to maintain data consistency and secure user sessions.
- Created **custom React hooks** for form handling and input validation.

Education

QIS College of Engineering and Technology, Ongole

2016 - 2020

- Bachelor of Technology in Electronics and Communication Engineering