VIPUL WAGHMARE
Front End Developer

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Full-stack Software Engineer with 4.5+ years of experience designing, developing, and deploying scalable web applications. Expertise in modern frontend frameworks like React, robust backend services using Node.js, NestJS, and Flask, and database systems like MongoDB and MySQL. Passionate about clean code, performance optimization, testing, and DevOps. Proven ability to collaborate across teams and mentor junior developers.

SKILLS

Languages	HTML, CSS/SCSS, JavaScript, TypeScript, NodeJs
Library	React, Redux, NextJs, NestJs, React Native, React Query, React hook form, Material UI
Software/Tools	Webpack, Babel, Parcel, Postman, Docker, Git, Lerna, Nx, Firebase, Github Actions, Jenkins, Swagger
Database	MySQL, MongoDB, Redis
Testing	Jest, Cypress, Playwright

EXPERIENCE

IConnect Info Solutions, *Senior Software Developer* | Navi Mumbai   Oct 2020 - Current

- Developed complex, deeply nested forms using React Hooks; later migrated to React Hook Form to minimize re-renders, eliminating input lag and significantly improving performance on heavily nested fields.
- Optimized application performance by implementing lazy loading with React.lazy and code splitting, reducing initial bundle size by 75% and significantly improving load times.
- Migrated legacy class-based components to modern functional components, improving code maintainability and scalability; refactored shared logic from HOCs into reusable custom hooks.
- Migrated legacy codebase from Create React App (CRA) to Vite, resulting in significantly faster build times and integrated TypeScript support for improved developer experience.
- Collaborated with backend developers to integrate frontend components with RESTful APIs, leveraging Axios and React Query for efficient data fetching, caching, and robust error and loading state management.
- Migrated from Redux to Redux Toolkit, reducing boilerplate and streamlining the codebase; transitioned all API calls to RTK Query for efficient data fetching with built-in caching, error handling, and loading state management.
- Set up ESLint, Prettier, Husky, and TypeScript to enforce consistent coding standards, improve code quality, and streamline the development workflow
- Actively participated in regular code reviews to maintain code quality and promote team-wide knowledge sharing.
- Integrated Firebase into a React application, utilizing services such as Authentication, Firestore, Realtime Database, Cloud Functions, and Messaging to build scalable and feature-rich functionality.
- Developed interactive dashboards and reporting tools using React, Highcharts, and AG Charts to visualize complex data and deliver actionable insights.
- Implemented component and end-to-end testing for React applications using Cypress and Playwright to ensure functionality and prevent regressions; achieved 100% test coverage and integrated test suites with GitHub Actions for continuous testing in the CI/CD pipeline.
- Collaborated with the UX team to define and implement design system tokens, ensuring 100% design-to-development consistency across the application
- Integrated monitoring and logging solutions like Sentry to proactively track, debug, and resolve production issues, enhancing application stability and user experience.
- Actively participated in Agile processes—including sprint planning, daily stand-ups, and retrospectives—to ensure timely and scoped delivery of features
- Conducted tech talks on various engineering topics to share knowledge, promote best practices, and foster team learning.

PROJECTS

Sorting Visualizer | *Link* | *code*
- Built an interactive sorting visualizer using React to demonstrate algorithms like Bubble, Insertion, Selection, and Merge Sort.

NestJs Backend | *Link* | *code*
- Developed a fully documented backend with NestJS and Swagger for scalable REST APIs.

Blogs | *Link*
- Technical blogs on Javascript and React

EDUCATION

BE Mechanical, *Mumbai University*   2015 - 2019