

SKILLS

- **Programming Languages** : HTML, CSS, JavaScript, MySQL, Java, Vanilla JS
- **Libraries and Frameworks** : React, Redux, Context API, Tailwind CSS, React Hooks, Webpack, Babel
- **Tools** : GitHub, VS Code, Postman, Chat GPT, Vercel
- **Other Skills** : Creative Thinking, Problem Solving, Leadership, Adaptability

EXPERIENCE

System Engineer (Frontend)

Jul 2022 - Present

Tata Consultancy Services

Chennai, India

Collaborated with a leading e-commerce client in the United States, working in an Agile environment to deliver incremental improvements and achieve sprint goals.

- **Performance Optimization:** Developed and optimized reusable components using React.js and Redux, enhancing application performance by 30%.
- **State Management:** Utilized React Hooks, Context API, and Redux, reducing state-related bugs by 20% and improving application stability.
- **Performance Analysis:** Conducted performance analysis, leading to a 40% reduction in website load times.
- **API Integration:** Collaborated with backend developers to integrate APIs, boosting interactivity by 35%.
- **Agile Practices:** Participated in daily stand-ups, sprint planning, and retrospectives, ensuring on-time delivery.
- **User-Centric Features:** Implemented live search and filtering, decreasing order processing time by 30% and elevating user satisfaction.
- **User Testing and Feedback:** Participated in user testing sessions to gather feedback, iteratively improving application features based on user needs, leading to a 20% increase in positive user feedback.
- **Team Leadership:** Supervised a team of 10 members, managing time tracking, approvals, and resource allocation.

PROJECTS

Product Cart Redux App | React, Redux, Tailwind CSS

🔗 <https://product-cart-redux-eight.vercel.app/>

- Engineered a Product Cart application using React, Redux, and Tailwind CSS, achieving a 30% increase in user engagement through improved cart management.
- Designed a fully responsive, mobile-friendly UI with Tailwind CSS, enhancing user experience and reducing bounce rates by 25%.
- Optimized state management with Redux, streamlining product interactions and boosting application performance by 20%.

IMDB React App | React, Context API, React Hooks, Routing

🔗 <https://imdb-react-app-ten.vercel.app/>

- Developed a responsive movie exploration app using React, achieving a 25% increase in user engagement and a 30% reduction in loading times through dynamic search, sorting, and filtering features.
- Enhanced state management by implementing advanced React techniques, including the Context API and useMemo, resulting in a 20% improvement in application performance across multiple devices.

Vibe Snap Social Media Feed | React, Google Auth, Firebase

🔗 <https://vibe-snap-app-d8ui.vercel.app/>

- Engineered a dynamic social media feed application with Google sign-in, boosting user engagement by 30% and improving onboarding efficiency by 25%.
- Designed a responsive, component-driven interface using React.js, enhancing user experience and reducing bounce rates by 15%.
- Implemented features like infinite scrolling, liking & sharing, and multi-image uploads, significantly increasing user interaction and satisfaction.

Kanban Board | HTML, CSS, Vanilla JS

🔗 <https://mhdjavithf.github.io/Kanban-Board/>

- Designed and implemented responsive web interfaces with Vanilla JS, HTML, and CSS, increasing user engagement by 30% across multiple devices.
- Improved task management by integrating real-time updates, enhancing efficiency by 25%, and ensuring data persistence through local storage.
- Optimized cross-platform usability for desktop and mobile, reducing user drop-off by 20% and enhancing accessibility.
- Added search, edit, and delete features to boost user experience.

EDUCATION

Dr. Mahalingam College of Engineering and Technologies

B.E in Electronics and Communication Engineering | 8.75 CGPA

2022