

SKILLS

- **Programming Languages** : HTML, CSS, JavaScript, MySQL, Vanilla JS, Java
- **Libraries and Frameworks** : React.js, Redux, React Hooks, Context API, Tailwind CSS, Bootstrap, JQuery, LESS, Axios, React Testing
- **Tools and Dev Practices** : GitHub, VS Code, Figma, Postman, Vercel, Jira, AI Prompt Optimization, Git Workflow, SEO, Accessibility
- **Other Skills** : Creative Thinking, Problem Solving, Leadership, Adaptability, Team Collaboration

EXPERIENCE

System Engineer (Frontend)

Mar 2025 - Present

Tata Consultancy Services

Chennai, India

- Client: Major U.S. - Based Landscape Supplies Company
- Developed and maintained checkout-related features on the Checkout POD module, including pagination, order print view, and payment flows - resulting in a 20% increase in transaction efficiency across platforms.
 - Migrated legacy components from jQuery to React.js, improving maintainability and enhancing performance by 30%.
 - Implemented a live shipment navigation bar based on client requirements and feedback, increasing user satisfaction ratings by 15%.
 - Contributed to scrum processes including daily retrospectives and sprint calls with client stakeholders.
- Technologies: JavaScript, jQuery, LESS, Bootstrap CSS, JSP, JSTL, React.js, React Testing Library, Unit Testing

Associate System Engineer (Frontend)

Jul 2022 - Feb 2025

Tata Consultancy Services

Chennai, India

- Client: Leading U.S. - Based Home Improvement Retailer
- Developed an internal Order Management Support Tool, integrating backend APIs to reduce issue resolution time by 30% and improve order visibility.
 - Implemented live search and advanced filtering features, and collaborated with backend teams to implement REST API endpoints and optimize database interactions using MySQL.
 - Participated actively in Agile ceremonies, including daily stand-ups and user feedback sessions, to drive continuous feature improvements.
 - Supervised a team of 10 members, managing timesheets, approvals, and resource planning.
- Technologies: React.js, React Hooks, Context API, Redux, Tailwind CSS, GitHub, MySQL, Postman, Babel, Webpack

PROJECTS

React.js Machine Coding Practice App | React, Bootstrap, Context API, Hooks, Routing, Error Boundaries

- <https://react-machine-coding-six.vercel.app/>
- Built a practice app with multiple machine coding challenges (counter with undo/redo, dropdown with outside click, array/object flattening, timers, to-do app).
 - Implemented searching, routing, error boundaries, and Context API with optimized React hooks for performance.
 - Designed a responsive UI with Bootstrap, ensuring cross-device usability.

IMDB React App | React, Context API, React Hooks, TMDB API, React Router

- <https://imdb-react-app-ten.vercel.app/>
- Engineered a responsive movie discovery platform, boosting user engagement by 30% through dynamic search, filtering, sorting, pagination, and watchlist features.
 - Integrated TMDB API and optimized state management with Context API, useMemo, and useCallback, enhancing application performance by 25%.
 - Implemented localStorage for user preferences, reducing setup time by 40% while ensuring mobile-first responsiveness.

Product Cart Redux App | React, Redux, Tailwind CSS, Unit Testing – React Testing Library

- <https://product-cart-redux-eight.vercel.app/>
- Built a responsive cart management app, boosting engagement by 30%.
 - Improved performance by 20% through efficient Redux-based state management.

Kanban Board | HTML, CSS, Vanilla JS

- <https://mhdjavithf.github.io/Kanban-Board/>
- Built a responsive task management board featuring real-time creation, editing, and deletion of tasks.
 - Integrated search functionality with localStorage persistence and dynamic filtering by ID and Title.
 - Increased cross-device usability and engagement by 30%, enhancing user retention and satisfaction rates.

EDUCATION

Dr. Mahalingam College of Engineering and Technologies

2022

B.E in Electronics and Communication Engineering | 8.75 CGPA