

# MAHAL TEJA SOFTWARE ENGINEER

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## SUMMARY

Results-oriented Software Engineer and Frontend Developer with 1+ year of hands-on experience in designing, developing, and optimizing scalable web applications. Proficient in HTML, CSS, Bootstrap, React.js, JavaScript (ES6+), and modern UI/UX principles, with practical expertise in building dynamic platforms like edutech systems and property management solutions. Strong foundation in software engineering practices, including modular architecture, state management (Context API, Redux), RESTful API integration, and performance tuning. Adapt at solving complex problems using data structures and algorithms, with a focus on delivering maintainable, user-focused solutions.

## PROFESSIONAL EXPERIENCE

### Software Engineer | SRIM Works

October 2024 – Present

- Developed and optimized React.js applications, improving performance by lazy loading and code splitting.
- Built and maintained an edutech platform featuring course listings, enrollment workflows, and a personalized dashboard for enrolled users including live classes, recordings, and performance tracking.
- Created a real estate property listing and management platform with features like property posting, filtering, and owner-side property control.
- Integrated RESTful APIs for real-time content updates across both platforms.
- Implemented Redux Toolkit for scalable and efficient state management.
- Designed and integrated responsive UI components with clean, modern interactions and animations to boost engagement.
- Ensured cross-browser compatibility, accessibility (WCAG), and mobile-first responsiveness using CSS Grid/Flexbox.
- Collaborated in an Agile environment, using Git for version control and team coordination.

### UI/UX Developer | XROS Fellowship

April 2023 – August 2023

- Designed high-fidelity UI/UX prototypes in Figma, enhancing usability and accessibility.
- Developed responsive, interactive web pages using HTML, CSS, and JavaScript.
- Collaborated with developers to implement user-friendly UI components.

## PROJECTS

### Edutech Course Platform

Technologies: React.js, CSS3, Firebase, RESTful APIs, Redux Toolkit, GitHub

Developed a dynamic edutech platform showcasing all available courses with seamless enrollment integration.

- Implemented a personalized user dashboard to view enrolled course details, class recordings, live sessions, and performance analytics. Utilized Context API for efficient global state management across user sessions.
- Integrated RESTful APIs to fetch real-time data and enhance user interactions.
- Ensured responsive UI using CSS Flexbox and maintained clean code with reusable components.

### Property Listing & Management Website

Technologies: React.js, CSS3, Context API, Firebase, RESTful APIs

Built a full-featured real estate web app for browsing, searching, and filtering property listings.

- Added a property management module enabling users to list, update, and manage their owned or rented properties.
- Integrated RESTful APIs for real-time property data and implemented Redux for scalable and predictable state management. and Focused on responsive design and user-friendly interactions across devices.

### NetflixGPT GPT-Powered Search

Technologies: React.js, TailwindCSS, Firebase, Redux Toolkit, DeepSeek AI, TMDB API

- Built a responsive Netflix clone using React, TailwindCSS, Firebase, and Redux with auth, dynamic TMDB movie data, trailers, and reusable components.
- Integrated DeepSeek AI GPT for smart movie search, added multi-language support, and deployed with optimized performance and clean UI.

## SKILLS

- Frontend Development: React.js, JavaScript, HTML, CSS, Bootstrap, Jest, Accessibility (WCAG), Tailwind CSS
- UI/UX Design: Figma, Responsive Design.
- Performance Optimization: Lazy Loading, Code Splitting
- Tools & Workflow: Git, GitHub, API Integration, Firebase, Netlify
- State Management: React Hooks, Context API, Redux Toolkit
- Programming & CS Fundamentals: Python, JavaScript, Data Structures & Algorithms (DSA), Problem Solving

## EDUCATION

2021-2024

### Bachelor of Technology (B.Tech)

- Aditya Engineering College | Surampalem
- Relevant Coursework: Data Structures & Algorithms, Web Development, Software Engineering
- Extracurricular Activities: Member of the college Coding Club and UI/UX Design Community.