Prakash Raj M

9489402877 | prakashmadhaiyan02@gmail.com | **Front-End Developer**

Professional Summary

- Front-End developer with deep understanding on **React JS**, **Javascript, HTML and CSS.**
- Specialization in React JS, JavaScript, HTML, CSS, Bootstrap.
- Development and Maintenance of React JS Applications.
- Well knowledge of Error Detecting and Bugs fixing.
- Good Team Player with decent Communication Skill.

Skills

Front End SKills : HTML, CSS, **JavaScript, React JS, Redux, and Redux Toolkit.**
Soft Skills : Communication, Team work.
Other Skills : Git, Postman.

Education

Sri krishna College of Engineering and technology , Coimbatore Bachelor of Technology, Information Technology	2019 - 2023
Vailankanni Matric Hr. Sec. School , Bargur Intermediate, Mathematics Biology Physics and Chemistry	2018 - 2019
St.Kanakadasa Matric Hr. Sec. School , Bargur SSLC	2016 - 2017

Professional Projects

Project: *Restaurant Website Project*

- Developed a static restaurant website using HTML and CSS.
- The project is focused on creating a user-friendly interface to display the menu, location and contact information.
- Implemented responsive design principles for optimal viewing across devices.

Technologies used: Javascript, HTML and CSS

Project: *Netfilx-GPT*

- Developed a full-stack Netflix clone using React.js, Tailwind CSS, and Firebase Authentication.
- Implemented Sign Up, Login and Logout features with form validation using useRef and state management.
- Created protected routes and handled auth state changes using onAuthStateChanged, with redirection logic for logged-in/out users.
- Set up Redux Toolkit with userSlice, movieSlice, and gptSlice for efficient global state management.
- Integrated TMDB API to fetch Now Playing, Popular, Top Rated, and Upcoming movies via custom hooks.
- Built reusable UI components like MovieCard, MovieList, MainContainer, and SecondaryContainer.
- Integrated OpenAI GPT API for intelligent movie search functionality based on user input.
- Added multi-language support for enhanced user accessibility and personalization.
- Utilized memoization techniques for performance optimization of React components.
- Managed environment variables securely using .env and .gitignore.

Tech Stack : React.js, Tailwind CSS, Firebase, Redux Toolkit, TMDB API, OpenAI API.