

RAVIPRASAATH R

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Front End Developer



A dedicated Full Stack Developer with 3.5 years of front-end experience, complemented by MERN proficiency from full-stack training, plus 1100+ GIT contributions, driving front-end innovation.

PROJECTS

Film Fleet | Newton School

December 2023 - December 2023

- Crafted a dynamic Movie website using **HTML, CSS, JS, React, Tailwind, Redux**, and a robust **backend**.
- Incorporated **user authentication, search, and watchlist** features for a diverse movie experience.
- Utilized technologies such as **Redux Toolkit, Thunk, Axios, Error Boundary, Breadcrumb, Suspense, Lazy Loader, Shimmer, Pagination, Memo, Material UI, and Swiper** on the front end. On the backend, **Node.js, Express, MongoDB, Mongoose, and JWT** ensured secure and seamless operations.
- Project excelled with **94% accessibility, flawless 100% best practices**, and a strong **85% SEO** score.

BeYoung Clone | Newton School

October 2023 - November 2023

- Built a **mobile-first e-commerce** clone with **HTML, CSS, JS, React, & Tailwind** for a seamless user experience.
- Included key features - **authentication, CRUD operations, wish lists, user profile management, cart, and order management**, streamlined **checkout** with **shipping** details.
- Improved UI with libraries and **optimized API calls**, reducing frequency by **90% for enhanced performance**.

Gaana Clone | Newton School

August 2023 - September 2023

- Developed a music streaming app replicating Gaana using **HTML, CSS, JavaScript, React, Redux, and Sass**.
- Users effortlessly **explore, listen, and discover songs/artists**. Features include **song playback, favorites addition, song search, user authentication, secure payments, and filter** options for an enriched experience.

SKILLS

Front-end: HTML, CSS, JavaScript, React, Redux, Tailwind CSS, Bootstrap, Swiper, Material UI, npm.

Back-end: Node.js, Express, MongoDB.

Other Skills: Java, Postman, JWT, GIT, REST.

CERTIFICATIONS

- Full Stack Web Development
Newton School
October 2022 - October 2023

EDUCATION

- B.E Mechanical Engineering
Sri Ramakrishna Engineering College
July 2016 - April 2019
- Diploma In Design and Drafting
PSG Polytechnic College
June 2013 - April 2016

EXPERIENCE

RGBSI | Design Engineer

April 2022 - February 2023

- Led development of a PCB component web page, prioritizing accuracy, and user experience.
- Enhanced **UI/UX** with **error handling** and **lazy loading**, boosting efficiency by **10-15%**.
- **Optimized CSS** and **global state** management, potentially increasing performance by **5-10%**.
- Integrated CAD models using **HTML, CSS, JavaScript, React, and Redux**.

Treffer Technologies | Design Engineer

October 2019 - April 2022

- Led creation of dynamic **UI/UX** for Mechanical and Electrical Components web pages.
- **Reduced DOM nesting**, utilized **reusable components**, ensured **mobile responsiveness**, potentially boosting performance by **7-15%**.
- Occasionally made CAD adjustments for precision, using **HTML, CSS, JavaScript, React, and Redux**.