JAYASURIYA R

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EDUCATION

Anna University - PSG College of Technology

B.Tech - Textile Technology | CGPA: 8.59

Coimbatore, India

Aug. 2020 - June 2024

EXPERIENCE

Front-End Developer - TRIRIGA UX (Polymer.js)

Accenture

Feb 2024 - Present

- Developed custom web components and templates using Polymer.js to enhance TRIRIGA UX applications.

- Worked on <triplat-ds> and other components for dynamic data-binding and custom filtering logic.

- Integrated reusable elements and layout behaviors to support responsive and modular UI design.

- Collaborated with cross-functional teams to align component logic with backend services.

React Developer - Personal Projects

Remote

Jan 2024 - Present

- Designed and deployed multiple modern React.js apps with Redux and Tailwind CSS.

- Focused on optimizing UI responsiveness, minimizing API calls, and improving component structure for scalability.

PROJECTS

Netflix GPT | React.js, Redux, Tailwind CSS, Firebase, TMDB API, OpenAI

https://netflix-gpt-phi-weld.vercel.app/

- Developed a Netflix-inspired platform integrating TMDB for content and GROQ for GPT-powered movie recommendations.
- Secured user data with Firebase Authentication and maintained global states using Redux.
- Improved content discoverability and page responsiveness with lazy loading and code splitting (25% performance boost).

YouTube Clone | React.js, Redux, Tailwind CSS, YouTube API

https://youtube-clone-sable-three.vercel.app/

- Created a feature-rich YouTube UI with debounced search (40% fewer API calls) and Redux-based caching (30% API optimization).
- Designed and implemented N-level nested comments and a live chat system using polling mechanisms to simulate real-time interaction.
- Applied advanced memoization and re-render control for high performance.

Swiggy Food Ordering App | React.js, Redux, Tailwind CSS

https://food-app-phi-rouge.vercel.app/

- Built a food ordering app with search/filter capabilities, dynamic menus, and a Redux-managed cart system.
- Implemented component lazy loading and stateful restaurant caching to improve navigation speed by ~20%.
- Followed atomic design principles for scalable and maintainable code architecture.

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MINI PROJECTS

To-Do App | React.js

https://mini-todo-app-react.vercel.app/

- Built a responsive to-do app with add/delete/edit functionality using clean component structure.

Calculator App | React.js

https://mini-calc-app.vercel.app/

- Created a simple calculator using React hooks with responsive UI and operator validation.

CERTIFICATES / ACHIEVEMENTS

- HackerRank Certifications: Python (Beginner), JavaScript (Beginner), SQL (Beginner), React (Beginner)

- .NET Developer Certification - Udemy

TECHNICAL SKILLS

Languages: JavaScript, Python, C

Frontend: React.js, Redux, HTML, CSS, Tailwind CSS, Polymer.js

Tools: Firebase, Git, GitHub, Jest, Babel

Databases: MySQL, PostgreSQL