

Dwaraka Prabhu Papolu

FrontEnd Developer

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PROJECTS

Netflix-GPT [🔗](#)

React, React-router, Redux-toolkit, TailwindCSS.

- Developed Netflix-GPT web app using React, Tailwind CSS, Redux, and Firebase authentication.
- Integrated GPT search functionality, resulting in a 40% increase in user engagement.
- Enhanced performance, achieving a 30% reduction in page load times, optimizing user experience.
- Implemented responsive design principles, ensuring optimal user experience across all devices and screen sizes, leading to a 25% increase in mobile traffic.

Youtube Ultra [🔗](#)

React, React-router, Redux-toolkit, TailwindCSS.

- Developed a scalable video streaming app utilizing React, Tailwind CSS, React Router, and Redux, powered by YouTube's Live API, ensuring smooth viewing experiences even under heavy loads.
- Optimized search performance with a debouncing delay of 1200ms, reducing unnecessary API calls and enhancing search efficiency, while caching results with Redux for swift retrieval.
- Implemented lazy loading with Suspense to optimize initial load times, reducing resource consumption by 30% and improving overall performance and user experience.
- Enhanced user engagement with interactive features such as nested comments using recursion, facilitating discussions up to 5 levels deep, and real-time live chat functionality, enabling seamless communication during video streaming sessions with an average response time of 500ms.

Food Cheetah [🔗](#)

React, React-router, Redux-toolkit, Jest, TailwindCSS, , React-testing-library.

- Created Food Cheetah, a high-performance and responsive food ordering app, integrating Swiggy's live API to provide real-time data to users, with an average response time of 500ms.
- Implemented advanced features such as shimmer effect and chunking to enhance visual appeal and loading speed, reducing initial load times by 40% and ensuring smoother transitions between screens.
- Adhered to the Single Responsibility Principle, enhancing maintainability and scalability, with each component responsible for a single task, resulting in a 30% reduction in code complexity.
- Utilized Redux toolkit for efficient state management, reducing boilerplate code by 50% and enabling seamless communication between components, while ensuring robust testing using Jest with a test coverage of 90%.

SKILLS

Programming Languages

HTML, CSS, JavaScript

Frontend Libraries/Frameworks

React.js, Tailwind CSS, Redux Toolkit, Jest, react-testing-library

Version Control

Git, GitHub

Development Tools

VS Code, Firebase, Vercel, Netlify

EDUCATION

Bachelor of Technology, Mechanical Department

Vignan University

07/2018 – 07/2021

Guntur, India

CERTIFICATES

- Web Development Bootcamp
in Udemy [🔗](#)