Akshay Desai

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SUMMARY

Frontend Developer with a strong focus on building user-friendly web applications. Proficient in modern web technologies such as React, Redux Toolkit, and Tailwind CSS.

EXPERIENCE

FrugalX - React Developer Intern   **Dec 2024 - present**

- Implemented user preference management and personalization features, enabling users to save and track preferences for AI tools.
- Utilized Redux for state management to handle preferences and usage data, including managing data persistence via local storage.

Projects

VidTube | React, Redux Toolkit, TailwindCSS, YouTube API

- Developed a dynamic video streaming application, using React, Redux, and TailwindCSS, offering users an immersive video-watching experience.
- Utilized **YouTube API** to fetch and display a vast library of videos, providing users with access to an extensive range of content.
- Implemented optimization techniques like **Debouncing** and cache storage in search functionality to enhance application performance.
- Implemented key features including **infinite scroll**, dark mode and **dynamic loading**.
- Integrated **Redux Toolkit** for robust state management.
- Designed with a mobile-first approach and utilizing TailwindCSS for responsive styling, offers a consistent and user-friendly experience across various devices and screen sizes.

Grab Food | React, Redux Toolkit, firebase, TailwindCSS

- Developed the Food ordering application using React, Redux, firebase, parcel.
- Utilized **JUSTMYROOTS APIs** to fetch real-time restaurant data and menu.
- Utilized **Redux Toolkit** for cart and state management, simplifying item additions/removals.
- Implemented smooth routing and navigation with **React Router DOM.**
- Optimised application performance through bundling, fast refresh, JSX support and code splitting using **Parcel**.
- Added authentication using **Firebase**, allowing only registered users to place an order.
- Optimised code by creating **Custom Hooks**.

AIFlix | React, Redux, TailwindCSS, Firebase, OpenAI GPT API

- Developed a **AI based movie application** using React, Redux, and TailwindCSS, enabling users to discover movies.
- Utilized **Jio Cinema API** to fetch movie data and display it on the screen, providing users with access to a vast library of movies.
- Implemented state management with **Redux Toolkit** to efficiently manage application state and handle complex data flows within the application.
- Added authentication using **Firebase**, allowing registered users to access all the features.

Technical Skills

Languages	: HTML, CSS, JavaScript
Libraries	: React.js, Redux Toolkit, React Router, Tailwind CSS
Dev Tools	: Visual Studio Code, Git, Github, Vite, Parcel

Certificates & Coursework

Namaste React

Namaste Javascript

EDUCATION

Karmaveer Bhaurao Patil College of Engineering, Satara.   **Aug 2017 - Aug 2021**

B.tech in Electronics Engineering