

# Akshay Desai

✉ akshaydesai1675@gmail.com 📞 9529506630 🔗 LinkedIn 🐙 Github 📁 Portfolio

## 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

- Built a dynamic **dashboard** for Snapwiz.ai, featuring a Favorites Section for managing tools and a Most Used Tools Section to rank tools by usage frequency using **Redux** and **local storage**, and a **Global Search Bar** integrated into the dashboard layout.
- Implemented **state management** and **local storage** for seamless user experiences.
- Improved **state persistence**, preventing data loss on refresh.

## Projects

### VidTube | React, Redux Toolkit, TailwindCSS, YouTube API

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- 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

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- 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

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- 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

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Namaste Javascript

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## EDUCATION

Karmaveer Bhaurao Patil College of Engineering, Satara.

Aug 2017 - Aug 2021

B.tech in Electronics Engineering