

CHETAN ARORA

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PROJECTS

Quiz and Mock Test Platform

Tech Stack: Node JS, Express JS, Axios, MongoDB, React JS, Redux Toolkit, Styled-Components

[GitHub](#) | [Project Website](#)

- Developed a scalable and performant web application from scratch using React JS with Redux Toolkit to enable users to test their skills in a fun and interactive way and prepare for a variety of exams.
- Generously used React Hooks and Functional components to make the codebase readable and maintainable. Implemented Protected routes using React router and Auth functionality using Google identity services API. Created Login API and multiple REST APIs to interact with the database and provide data to the frontend.

Video Streaming App

Tech Stack: React JS, Redux Toolkit, Tailwind CSS, React Router | [GitHub](#) | [Project Website](#)

- Developed a fast loading and robust video streaming application which loads in ~400ms.
- Optimized search functionality by implementing debouncing and Redux store as cache to minimize API calls and improve performance. Implemented N-level nested comments to improve User Experience.
- Built Live chat functionality using API Polling which calls the API after an interval of 1.5s, while preventing the page to freeze by deleting old chats present in the redux store.

Photo gallery Sanity CMS App

Tech Stack: Next.js (App router), Tailwind CSS, Sanity CMS | [GitHub](#) | [Project Website](#)

- Created a photo gallery app using Next.js which gets all the data from Sanity CMS using APIs.
- User can edit, update and add images from the sanity dashboard to see real time changes on the frontend.

Goal Setter App

Tech Stack: Express JS, Node JS, MongoDB, React JS, JWT Auth, Redux Toolkit, React Router

[GitHub](#) | [Project Website](#)

- Created a fast and performant Full Stack application in which users can add their goals and access them privately and securely.
- Designed multiple REST APIs which perform creation and deletion of goals. Added middleware for authentication and error handling.
- Created Login and Register functionality using JWT.

SKILLS

React JS, Redux, NodeJS, ExpressJS, NextJS, JavaScript, TypeScript, MySQL, MongoDB, Styled-Components, Tailwind CSS, Jest, Figma, AWS, Git, GitHub, Postman.

EDUCATION

Engineering Fellow | 2022 | Pesto Tech

BTech (CSE) | 2016-2020 | Amity University, Noida

EXPERIENCE

Frontend Intern | Amazetrac Pvt Ltd, Bangalore | Feb 2023

Developed multiple user-facing products using React, Redux, Context, NextJS, Tailwind CSS, and Mui. Created responsive interfaces, utilized state management techniques, and collaborated with designers and backend teams to deliver high-quality products within tight deadlines.

CERTIFICATIONS

Namaste React – by Akshay Saini