

CHETAN ARORA

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EXPERIENCE

Full Stack Engineer | MagicCraft Ltd | Sep 2023

- Spearheaded the redesign of the lobby system with Web3 integration, delivering comprehensive frontend and backend solutions.
- Developed a robust leaderboard system with daily, weekly, and monthly tracking for top earners.
- Demonstrated adaptability and effective communication skills in a remote setting, collaborating with senior leaders, designers, and the development team.

Software Developer | Amazetrac Pvt Ltd, Bangalore | Jan 2023 - Aug 2023

- Developed multiple responsive, user-centric web applications utilizing the MERN stack.
- Leveraged React components, Redux state management, and Next.js for dynamic and performant frontends.
- Employed Tailwind CSS and MUI for rapid styling and creation of user-friendly interfaces.
- Collaborated effectively with designers and backend engineers to ensure seamless project delivery within tight deadlines.

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](#)

- Spearheaded the development of a rapid-loading video streaming application, achieving a ~400ms load time for enhanced user experience.
- Optimized search functionality using debouncing and Redux-based caching, reducing API calls and significantly boosting performance.
- Enhanced user engagement by architecting N-level nested comments within the application interface.
- Implemented live chat functionality with API polling (1.5s intervals) and Redux store management, ensuring smooth performance without page freezes.

Art Portfolio project

Tech Stack: Next.js (App router), Tailwind CSS, Resend Email, React hook form | [GitHub](#) | [Project Website](#)

- Developed an immersive art portfolio featuring various projects with seamless full screen functionality.
- Optimized image loading to deliver high-resolution visuals without compromising web app performance.
- Integrated robust email sending functionality using Resend Email, enhancing user engagement capabilities.

SKILLS

React JS, Redux, NodeJS, ExpressJS, NextJS, JavaScript, TypeScript, PostgreSQL, Prisma, 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

CERTIFICATIONS

Namaste React – by Akshay Saini, **100xDevs** - Harkirat Singh