

RICHHAPAL CHOUDHARY

Frontend Developer

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 Portfolio

Skills

Next Js • React • Angular • Redux • TypeScript • JavaScript • RTK Query • HTML5 • CSS3 • Sass/Scss • FLEXBOX • REST API • Nodejs • Express.js • Mongo DB • Linux • D.S.A.

Experience

SDE-1(Frontend Developer), *Physics Wallah*  Jun 2024 – present | Bengaluru, India

- Built the **OnStage feature** for one-on-one teacher-student interaction in premium cohorts, improving personalized learning by **30%**. Optimized with **Lottie animations**, reducing bundle size by **25%** and boosting confidence.
- Designed and deployed **live polls** in the video player with 5+ poll types, real-time results, and leaderboards, driving **40% higher engagement**.
- Integrated **polls in recorded classes** for asynchronous feedback, increasing participation by **50%**.
- Developed a **topic-wise timeline with a custom progress bar** (YouTube-style), enabling direct navigation to topics and raising engagement by **40%**.
- Executed rollouts with **A/B testing and gradual releases** via Unleash, ensuring safe deployments and data-driven impact validation.


Technology : NextJS, ReactJS, Typescript, Redux, Tanstack Query, Sass, HTML, CSS.

SDE-1 (Frontend Developer), *GeeksForGeeks*  Feb 2022 – Jun 2024 | Noida, India


- Led the end-to-end design and development of a job portal, courses, problem, and hackathon features, resulting in a 40% increase in user engagement and a 25% boost in functionality through innovative solutions.
- Add new features and enhancements using Nextjs, and **migrating reactjs to nextjs page**, resulting in a 60% increase in user engagement and overall product satisfaction.
- Successfully resolved critical bugs and issues, reducing application downtime by 30% and enhancing the stability and reliability of the software.

Technology : NextJS, ReactJS, Redux, RTK-Query, Sass, HTML, CSS.

Projects

QKart, *GitHub Link* 

- Developed 9+ Functional Components using React and React Router
- Added search bar to display only on the Products page's header and implement search logic
- Used React Router library to set up routes in the application and redirect customers to appropriate pages
- Stored user information at client side using localStorage to avoid login on revisit
- Technologies**:-React, React Router, Material UI, localStorage, Controlled Components, Conditional Rendering

Weather App, *GitHub Link* 

- Engineered a sophisticated weather application utilizing React, Redux, and SASS, local storage capabilities to save user-selected city data, enhancing navigation efficiency.
- Integrated the OpenWeatherMap API for real-time weather data, and managed the application state using Redux.
- Implemented React Router DOM for 2+ pages and navigation.
- Designed and created the user interface with SASS and HTML, ensuring cross-device compatibility.

Personal Portfolio 

- Built a personal portfolio website using React, React Router, SASS modules, and Redux Toolkit.
- Crafted 3+ responsive user interface pages, including Home, Skills, Projects, and Contact, effectively showcasing web development skills and previous projects.
- Optimized state management with Redux Toolkit, reducing development time by 40% and improving application efficiency.



Education

Computer Science Engineering, *Jiet College of Engineering , Jodhpur* 2016 – 2020 | AG 61%

RBSE (XII) PCM, *Cambridge Public School, Sardarpura Jodhpur* Apr 2014 – Apr 2015 | AG 76.40 %, PCM 86%

Certificates

Javascript HackeRank  — Intermediate | **Javascript HackerRank**  — Basic | **DSA HackerRank**  — Basic |

Javascript Expert(Udemy)  — Total length: 69 Hours | **React Hackerrank**  — Basic

Achievement

- Solved 200+ data structure algorithm questions on Hackerrank and Leetcode.
- Earned 4 star silver badge in problem solving on Hackerrank.
- Participated in 13 Days workshop on “Web Designing” organized by WsCube Tech at JIET(Sept-2016).
- Participated in two-day workshop on “Ethical Hacking” organized by JIET(March, 19- 20, 2018).