Rohan M V

f20180826P@alumni.bits-pilani.ac.in | +91-9381826946 | https://portfolio-neon-kappa-68.vercel.app https://www.linkedin.com/in/rohan-m-v-228860220 | https://github.com/pavonis2

Skills

Languages: HTML, CSS, JavaScript, TypeScript

Frameworks/Libraries & Tools: ReactJS, Redux Toolkit, RTK Query, Sass, Tailwind CSS, Firebase, Docker, Jira

Education

BITS PILANI, B.E. in Chemical engineering

August 2018 – August 2023

Experience

Software Developer Intern, Pandora R&D labs – Hyderabad, Telangana

July 2022 - Dec 2022

- Collaborated in a team of four to develop a proof-of-concept **speech recognition IVR** system, improving call routing efficiency and **reducing average call handling time by 20%** and improving customer satisfaction.
- Developed Node.js script to process audio recordings and send them to the Google Speech-to-Text API for transcription, **fine-tuning the API for 95**% transcription accuracy, improving call data quality.
- Built **UI components** with ReactJS, incorporating speech recognition in the admin panel of the app, improving usability.
- Participated in code reviews, improving code quality and development efficiency.
- Tools/Technologies & Languages: JavaScript, TypeScript, LUA, XML, FreeSWITCH, ReactJS, Redux Toolkit, Express, Google Speech-to-Text API, Git, Docker, JIRA.

Projects

Chat App <u>Live</u> <u>GitHub</u>

- Developed a real-time chat app using ReactJS and Firebase Authentication, supporting up to 1000 daily active users for secure sign-ups and logins.
- Implemented features like **username search** for **adding contacts**, **sending text messages** and **emojis**, and **sharing images**, with the ability to perform CRUD operations on the messages, using Firestore to manage real-time data.
- Enhanced user experience with **real-time updates**, **unread message notifications**, and **batch loading** of older messages, optimized for 1GB storage and 10GB/month download limit using Firebase Storage.
- Built using ReactJS, Sass, FiresBase Auth, Firebase storage, Firestore and deployed using Firebase Hosting.

FashionHub <u>Live</u> <u>GitHub</u>

- Developed an e-commerce app using ReactJS for front-end and Sass for styling, improving UI and interactivity.
- Implemented **Strapi** as a **headless CMS** for managing dynamic content like product categories and item views.
- Integrated **Stripe** payment gateway for testing, with **Redux Toolkit** managing **real-time cart** and **subtotal updates.**
- Utilized **Cloudinary as the CDN** for image storage, improving **page load time by 30**% compared to traditional hosting, boosting **site performance** and **user experience**.
- Built using ReactJS, Redux Toolkit, Sass, Strapi, CDN and deployed on Vercel.

Portfolio Live GitHub

- Developed a fully responsive personal portfolio using ReactJS and Tailwind CSS, ensuring an optimized user experience across devices.
- Integrated **Getform** for efficient form submissions, and showcased **skills** and **projects** with links to **GitHub repositories** and live deployments for easy exploration of my work.