HARSH SUMAN

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LinkedIn GitHub Stackoverflow

React.js Developer with 3.5 years of experience in building web apps

EDUCATION

B.Tech. in **Information Technology**, IIIT Una   2017 - 2021

CGPA: **7.12**

WORK EXPERIENCE

Chalo, *Bengaluru* │ **SDE 2**   November 2023 - Present

- Developed and optimized dashboards using **React.js** and contributed to existing **Angular** dashboards
- Integrated external **camera** hardware in dashboard using its **JS SDK**
- Worked on **post-processing** the camera feed to convert its video **codec** that is supported by browsers
- Published an SDK as an **npm** package which is being used by other services
- Implemented **multi-threading** using **Web Workers** API to perform computationally expensive tasks in the background
- Developed automated **Node.js** scripts scheduled via **Cron** jobs to efficiently push data to **Redshift**.

Vogo, *Bengaluru* │ **Frontend Developer**   June 2021 - November 2023

- Worked on **React** application which is loaded by Native app (Android/iOS) as a **PWA** (Progressive Web App)
- Developed features like:
  - **In-ride exchange vehicle** to help users change their vehicle based on various on-road scenarios
  - **Report stranded vehicles** via app, which helped in **retrieval of lost assets** and reward users with vogo credits
  - **Games section** for **increasing user engagement** on app
  - Other features like: Ride booking, Payments, KYC, and the Help section
- Worked on **Bluetooth module** where the React app communicates with the Native app through a bridge.
- **Reduced** product bundle size by **~20%**, which **decreased** app load time by **~4 seconds** and **optimized** overall performance of the web app

PROJECTS

- ***Soul finder*** *(Full stack application)* Link
  - This web app helps solo travelers connect with other travelers nearby in **real-time**. They can meet, share travel experiences, and split common expenses like hotel bills and cab fares.
  - **Impact**: It will make traveling more economical and fun and help people make new friends.
  - Tech Stack: React.js, **Node.js**, **MongoDB**, **Express**, **AWS** S3 for uploading image, **JWT** for authentication
- ***Audio video compressor*** Link
  - A tool for compressing audio and video files with customizable compression methods, allowing users to adjust settings based on their requirements.
  - Tech Stack: React.js, **JavaScript**, **FFMPEG**
- ***Organized me*** Link
  - An android app which loads a react app in its **WebView**
  - Building this app for personal use to keep track of my daily tasks and short-term/long-term goals.
- ***Login if you can*** Link
  - A fun and tricky login screen where users struggle to sign up while humorous memes pop up as feedback

SKILLS

Languages : JavaScript, TypeScript

Frameworks: React Native, Express, Angular

ACHIEVEMENTS

Earned ***Hacktoberfest 2021*** badge by contributing to **open-source** projects