Rose Kamal Love

private.rosekamallove@gmail.com • Github • Blog • Linkedin • Codechef • Leetcode

Education

Bachelor of Technology in Computer Science & Information Technology   2020 – 2024
Mahatma Jyotiba Phule Rohilkhand University - Bareilly, India

Experience

Material Depot (YC W22) - SWE Intern   January 2023 – Current
- Migrated **React.js** frontend to V3 of API and added **E Commerce** functionality

Google Summer of Code (LibreHealthIO)   June 2022 – September 2022
I worked on re-writing the UI of LH Toolkit & Radiology as an Open Web Application following the **FHIR Standard**
- The rewrite is done using **React.js** as the UI Library and **React Query + Axios** for cached data fetching
- The web components are built using **Polymer.js** and uses Material UI, and follow the **FHIR Spec**

BlendED - Fronted Developer Intern   May 2022 – June 2022
I worked on **Next.js** & **TailwindCSS** codebase to **redesign** the teacher's and parent's landing pages and,
- Added *firstLogin* personalisation flow and persisted data using **React Query**, improved invoke time **by ~40%**
- Integrated **Mix Panel** Analytics tool for various functions, which **highly impacted** the product launch analysis
- Implemented a **scalable** video tooltip modal component that invokes on the first user visit using **cookies**

MLH Fellowship (Open Source Developer)   September 2021 – December 2021
repo-report (OSS)   GitHub
- Updated the **GraphQL** queries and validations to add two new metrics from **Github's GraphQL API**
- Refactored the code which **decreased the hassle** of adding new metrics from **5 files to 1 file - by 25%**
- **Wrote tests** to type-check the Metrics and their properties using **tape.js** with **jsonschema** for variables
- Worked on a Web Based client for the CLI using **React.js** and **TailwindCSS** making the app more **accessible**

Skills & Technologies

Languages	JavaScript (+Typescript) C++ Python
Backend	Node & Express (+Deno) Django :: MongoDB Firestore MySQL
Frontend	React.js (+Next.js) Svelte :: Material UI Ant Design Tailwind CSS
Coursework	Data Structures & Algorithms OOPs DBMS OS Computer Networks

Projects

YouTemy   GitHub Deployed   6 Weeks (160+ hours)
A platform allows the user to track YouTube courses and offer recommended courses.
- Created with **ReactJS** using the **YouTube Data API** and **Firestore** as the Database
- **Continuous Integration** & **Continuous Deployment** with GitHub Actions
- Deployed using **Firebase Hosting** with a **.tech** Domain

Music Expanse GitHub Deployed   6 weeks (130+ hours)
Music Controller to control music on Spotify based on votes of the members in a virtual room.
- Built with **ReactJS** on the frontend using **Material UI**
- Used **Django** to build a **REST API** which uses the **Spotify Web API**
- Implemented **Spotify OAuth** to authenticate Spotify API and Deployed on **Heroku**

Achievements

- Selected as one of the **150 MLH Fellows out of 25,000+** applicants **worldwide**
- **Won** the MLH Pre-Fellowship 3 Week Sprint **Hackathon** Devpost
- Solved 200+ Problems on LeetCode and CodeChef
- Global Rank **81 of 21000+** CodeChef October Challenge (Div.3)
- Global Rank **358 of 9500+** CodeChef Lunchtime (Div.3)