

Rose Kamal Love

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Education

Bachelor of Technology in Computer Science & Information Technology
Mahatma Jyotiba Phule Rohilkhand University - Bareilly, India (CGPA: 6.2 / 10)

2020 – 2024

Experience

Google Summer of Code (LibreHealthIO)

June 2022 – September 2022

I will be 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](#) [Object Oriented Programming](#) [DBMS](#)

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**

VS Code Extension Template [GitHub](#)

1 week (~30 hours)

- **Node/Express** backend with **CRUD** using **Firestore**, with **Github OAuth** implemented using **Passport.js & JWT**
- **Svelte** frontend, that uses the **VSCode Extension API** and a **Polka.js** server for authentication callbacks

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)