

Rose Kamal Love

rosekamallove@gmail.com [GitHub](#) [PortFolio](#) [LinkedIn](#) [CodeChef](#) [LeetCode](#)

Education

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

2020 - 2024

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](#)

Experience

MLH Fellowship (Open Source Developer)

September 2021 - December 2021

A 12-week (30-40hrs/week) Open Source program powered by GitHub, Meta, AWS, Solana and more
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** and a **jsonschema** validator to validate the variables

MLH Pre-Fellowship

July 2021 - August 2021

A 4-week Educational program offered by MLH powered by GitHub

- Integrated **AlanAI Voice Assistant** to the [Open Sourced Portfolio Template](#) to navigate around the website through Voice Commands, making the portfolio more interactive
- Modeled the MVP of [YouTemy](#) that **won** the MLH Pre-Fellowship 3 Week Sprint **Hackathon**

Projects

YouTemy [GitHub](#) [Deployed](#)

3 Weeks (120+ hours)

A platform providing the user the ability 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 (TypeScript)** backend with **CRUD** Functionality using either **MongoDB** or **Firestore**
- **Github OAuth** implemented using **Passport.js & JWT**
- **Svelte (TypeScript)** frontend, with **VSCode Extension API** and a **Polka** server for 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 platforms like LeetCode, CodeChef and GFG
- Global Rank **81** of **21000+** CodeChef October Challenge (Div.3)
- Global Rank **358** of **9500+** CodeChef Lunchtime (Div.3)