

# Rose Kamal Love

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## Education

### Bachelor of Technology in Computer Science & Information Technology

2020 – 2024

Mahatma Jyotiba Phule Rohilkhand University - Bareilly, India

## Skills & Technologies

- **Languages:** JavaScript (+Typescript), Python, C/C++
- **Backend:** Node & Express (+Deno), Django
- **Frontend:** React.js (+Next.js), Svelte | Material UI, Ant Design, Chakra UI
- **Databases:** MongoDB, Firestore

## Experience

### MLH Fellowship (Open Source Developer)

September 2021 – December 2021

[[MLH Fellowship](#)] is a **12-week** (30-40hrs/week) Open Source program powered by GitHub, AMEX, FB, etc  
**repo-report** [[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 typecheck the Metrics and it's properties using **tape.js**
- Added a validator to validate variables using **jsonschema**

### 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 which improved the interactivity of the portfolio
- Built 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.

- Built with **ReactJS** using the **YouTube Data API** and **Firestore** as the Database
- **Continous Integration & Continous 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 API**
- Implemented **Spotify OAuth** to authenticate Spotify API
- 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 with **Passport.js & JWT**
- **Svelte** (*TypeScript*) frontend, with **VSCode Extension API** and a **Polka** server for callbacks

## Achievements

- **Won** the MLH Pre-Fellowship 3 Week Sprint **Hackathon** [[Devpost](#)]
- Selected as one of the **150 MLH Fellows out of 20,000+** applicants **worldwide**
- Global Rank **81 of 21000+** CodeChef October Challenge (Div.3)
- Global Rank **358 of 9500+** CodeChef Lunchtime (Div.3)