

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 (CGPA: 6.2 / 10)

Experience

BlendED (Fronted Developer Intern)

June 2022 – August 2022

I worked on **Next.js** (TypeScript) & **TailwindCSS** **fronted** to fix numerous bugs, add multiple features, and learn a lot

- Implemented a **highly scalable** video tooltip modal component which invokes on first user visit using **cookies**
- Integrated **Mix Panel** Analytics tool for login/logout, page-viewed, worksheets (shared, downloaded, submitted), and more, which **highly impacted** the product launch analysis

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** with **jsonschema** for variables

MLH Pre-Fellowship

July 2021 – August 2021

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

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 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)