

ROSE KAMAL LOVE

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Experience

MLH Pre-Fellowship

July 2021 – August 2021

A 4-week Educational program offered by MLH **powered by GitHub** to level as a software engineer by collaborating on a real-world project by collaborating with people around the world through Standard Industry Practices.

- Integrated **AlanAI Voice Assistant** to the [Open Sourced Portfolio Template](#) to navigate around the website through Voice Commands
- Built the beta version of [YouTemy](#) which **Won** the MLH Pre-Fellowship 3 Week Sprint **Hackathon**

Skills & Technologies

- **Languages:** JavaScript/Typescript, Python, C/C++
- **Frameworks:** ReactJS, Svelte, Node & Express, MongoDB, Django, Firebase & Firestore
- **UI Libraries:** Bootstrap, Material UI, Ant Design
- **Tools:** Git & Github, VSCode, VIM, Linux, Embold

Projects

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

React & Firestore

A platform providing the user the ability to track their YouTube course and offer recommended courses decided by the admin. Also provides the ability to Explore new courses and take a preview and then bookmark them if they don't want to enroll in them rightaway.

- **Won** the MLH Pre-Fellowship 3 Week Sprint **Hackathon**
- Built with **ReactJS** using the **YouTube Data API** and using **Firestore** as a Database
- Tests written in **Cypress** with **Continuous Integration** and **Continuous Deployment** using GitHub Actions
- Deployed with **Firebase Hosting** with a **.tech** Domain

Music Expanse [GitHub](#) | [Deployed](#)

React & Django

A collaborative Music Controller on which we can create virtual room which the members of the room (joined by the unique room code) can Vote to skip or pause/play the song which is playing on the host's Spotify client

- Built with **ReactJS** on the frontend using **Material UI**
- Backend built with **Django** with **Spotify OAuth** and a **REST API** which uses the **Spotify API** to fetch User's song details and play/pause songs from the frontend and handles the votes to Skip the song.
- Deployed on **Heroku** with Continuous Integration

VS Code Extension Template [GitHub](#) | [Documentation](#)

Svelte & Node + MongoDB/Firestore

Creating a VS Code Extension requires a lot of boiler plate code so I wrote this template which contains all the boiler plate code needed to get started with writing the extension without wasting time on writing trivial code.

- Backend written in **Node + Express** (TypeScript) with **CRUD** Functionality with both **MongoDB** and **Firestore** options
- **Github OAuth** fully implemented with **JSON Web Tokens**
- Frontend written with **Svelte** (TypeScript) with a **Polka** server for OAuth callback providing access tokens

Education

BTech Computer Science & Information Technology

2020 – 2024 [Expected]

Mahatma Jyotiba Phule Rohilkhand University - Bareilly , Uttar Pradesh, India

Basubaral Saraswati Vihar - 12th

2020

Percentage: 84.6

Sobtis Public School - 10th

2018

Percentage: 84.4