

# MS Swaroop

 Github |  LinkedIn |  Portfolio |  Gmail |  +91 8431950132

## WORK EXPERIENCE

---

### ML Intern

Aug 2023-Sept 2023

- Responsible for performing comprehensive data analysis on the dataset and training models using various machine learning algorithms.
- After extensive testing and validation to ensure accuracy, successfully deployed the models as fully functioning web applications.
- After successfully testing the model in the IDE, proceeded to develop an application that integrates the model for practical use

## SKILLS

---

Programming Languages : Python, JavaScript  
Frontend: HTML, CSS, Bootstrap, React.js .  
Backend: Django, SQL  
Other: ML, Chapgpt, Gemini, Cursor, Claude

## PROJECTS

---

### Color Quantization Compressor

[Link to Demo](#)

- Implemented an image compression application utilizing an unsupervised machine learning algorithm.
- The application compresses images by reducing the color palette to a predefined number of colors, resulting in substantial file size reduction.
- For this project, images were compressed using a 16-color palette.

### Recipe Management System

[Link to Demo](#)

- Implemented a secure recipe ordering system using Django and Python.
- Users can create, update, delete, and read recipes. Authentication is implemented for security. Users can also update their profiles, including name, description, and profile picture.

### Personal Portfolio

[Link to Demo](#)

- Engineered a personal portfolio utilizing Vite and React.js, incorporating voice-based commands and bot-assisted navigation.
- Implemented hash-linked navigation with seamless auto-scrolling upon selection. Enhanced user experience with captivating visual effects and typography, powered by Bootstrap.

## EDUCATION

---

2024-2026 Mtech CSE at Ramiah Institute Of Technology

2020-2024 B.E CSE at RR Institute Of Technology

(Cgpa:8.69)