

MS Swaroop

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WORK EXPERIENCE

ML Intern

Aug 2023-Sept 2023

- Conducted comprehensive data analysis and trained machine learning models on the dataset using a variety of algorithms.
- Successfully deployed high-accuracy models as fully functioning web applications following rigorous testing and validation.
- Developed and integrated a production-ready application incorporating the successfully tested model.
- Significantly improved model accuracy by 70%, while simultaneously reducing training time by 10% through model fine-tuning.

SKILLS

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

PROJECTS

Sentiment GPT

[Link to Demo](#)

- A sentiment analysis application was developed utilizing the Hugging Face Transformers.
- The application incorporates a user interface for sentiment input, allowing a GPT model to predict sentiment scores and categorize them as positive, negative, or neutral

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.

EDUCATION

2024-2026 Mtech CSE at Ramiah Institute Of Technology
2020-2024 B.E CSE at RR Institute Of Technology

(Cgpa:8.69)