

MS Swaroop

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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, C++, JavaScript
Frontend: HTML, CSS, Bootstrap, React.js .
Backend: MongoDB, Django, SQL
Other: ML, Chapgpt, Gemini, Cursor, Claude

PROJECTS

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.

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.

ML WebApp

[Link to Demo](#)

- Implemented machine learning models for prediction and classification tasks, utilizing Python and the scikit-learn library.
- As part of an internship, developed a diabetes diagnosis prediction model and a customer category classification model for a Django-based backend system.

EDUCATION

2020-2024 Bachelor's Degree at RR Institute Of Technology
2018-2020 Class 12th

(CGPA:8.8)
(83)