Laxman Sawant

Mumbai, India

+91 9757119477

laxman19.sawant@gmail.com

Laxman-19

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EDUCATION

Bachelor of Engineering, Computer Science - Specialization in Data Science.
Vidyavardhini's College of Engineering & Technology
2021 – 2025 | Vasai, India | CGPI: 7.2

Higher Secondary, Annasaheb Vartak College
2020 – 2021 | Vasai, India | 76%

Higher Secondary, National English High School
2018 – 2019 | Virar, India | 79.20%

SKILLS

Python | Machine Learning | Data Visualization | Pandas | Numpy | DL | Statistical Analysis | Exploratory Data Analysis | Jupyter Notebook | Natural Language Processing | Communication

PROFESSIONAL EXPERIENCE

ML Intern, TECHQKONNECT

Dec 2023 - Jan 2024 | Remote, India

- **Osteoporosis Fracture Analysis:** Utilized advanced machine learning algorithms to analyze patient data and identify conditions that increase fracture risk. This project aimed to enhance early diagnosis and intervention strategies, ultimately improving patient outcomes and reducing healthcare costs.
- **Predictive Maintenance of Motors:** Developed and implemented unsupervised learning models to analyze various operational parameters of motors. The models successfully predicted potential motor failures, enabling more efficient maintenance scheduling and significantly reducing unplanned downtime and maintenance costs.

PROJECTS

Olympic Data Analysis and Prediction

- Analyzed and visualized Olympic data up to the latest edition, providing insights into trends and patterns. Developed models to predict medal outcomes based on data. Implemented a map feature to display medal-winning countries on a world map, enhancing the visualization of data.

Movie Recommendation System

- Created a recommendation system using content-based filtering techniques. Suggested five similar movies based on the user's selected movie, enhancing the user's movie-watching experience. Focused on analyzing movie attributes to provide accurate and relevant recommendations.

To-Do List Manager using Flask

- Developed a simple web application using Flask to manage a to-do list. Implemented core functionalities for adding, updating, and deleting tasks. Focused on creating a straightforward and user-friendly interface.

Potato Leaf Disease Detection

- Created a machine learning model using TensorFlow to classify potato leaves as healthy or diseased. The model was trained on a dataset of potato leaf images, employing preprocessing techniques to enhance accuracy. Achieved high accuracy in detecting defective leaves, aiding in early disease detection and crop management.

ACHIEVEMENTS

LitQuiz contest

Won the LitQuiz Competition conducted by the Literati Club of Vidyavardhini College.
2024, Organized by Literati Club, VCET

AVAHAN 2024

- Secured 1st place in the intracollege volleyball competition at the Annual Sports Festival of VCET.
- Achieved 2nd place in the departmental volleyball competition.
- Achieved 2nd place in the departmental kho-kho competition.

2024, Organized by Sports Committee, VCET.