GAURAV PATIL

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PROFESSIONAL SUMMARY

Final-year Computer Science student specializing in Artificial Intelligence and Machine Learning. Proficient in Python, TensorFlow, and scikit-learn, with hands-on experience in developing data-driven solutions. Skilled in Data Structures and Algorithms with 100+ problems solved on LeetCode. Eager to apply strong analytical and problem-solving skills in an AI/ML Engineer role to contribute to innovative projects.

EDUCATION

Sanjay Ghodawat University   Kolhapur Maharashtra

Bachelor of Technology (B. Tech) in Artificial Intelligence & Machine Learning

Cumulative GPA: 8.3/10

PROJECTS

AI Music Recommendation System:

- Developed a real-time AI system that recommends music by analyzing facial expressions through a webcam.

- Built and trained a Convolutional Neural Network (CNN) using TensorFlow and OpenCV, for classifying emotions like happy, sad, and neutral.

- Integrated the emotion detection model to dynamically create and suggest playlists that match the user's current mood.

Diet Guru: Personalized Nutrition Planner

- Designed and developed a personalized diet recommendation system to generate meal plans based on user health goals, dietary restrictions, and preferences.

- Utilized content-based filtering algorithms with Scikit-learn to match user profiles against a nutritional database for different food items.

TECHNICAL SKILLS

Languages: Python, SQL

Libraries & Frameworks: TensorFlow, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn

Tools & Technologies: Git, GitHub

Databases: MySQL

Activities & Leadership

NSS Volunteer: 2024- Present

- Contributed to community service initiatives, including cleanliness drives and public awareness campaigns.

- Collaborated with a team to organize and execute local community events, enhancing organizational and teamwork skills.

Cubicles Club: 2024- Present

- Actively participated in workshops on emerging technologies like Docker and Git & GitHub. Collaborated with peers in coding mini-projects, fostering practical problem-solving skills.

INTERESTS:

Football & Hiking