Ashwini Chaudhari

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EDUCATION

Bachelor of Technology, Vishwakarma Institute of Information Technology, Pune 8.88 CGPA   2021- 2025

HSC, Arts, Science and Commerce College, Chopda 97.00%

SSC, Pratap Vidya Mandir, Chopda 90.60%

SKILLS

Programming Languages: C++, Python

Database and Language:, MySQL, SQL

Version Control Tools and IDE: Git, Github, Visual Studio Code

Course Work: Database and management system, Object-Oriented Programming, Data Structures, and Algorithms

Soft Skills: Collaboration, Communication, Planning, Teamwork, Time Management, Leadership

PROJECTS

Emotion Recognition System-

- Created an advanced emotion detection system utilizing Convolutional Neural Networks (CNN) for accurate analysis.
- Implemented real-time facial recognition to classify emotions with precision.
- Integrated features allowing for emotion-specific updates and comprehensive reporting.

Music Genre Classification-

- Spearheaded the development of an advanced music genre classification model leveraging cutting-edge machine learning techniques.
- Utilized sophisticated feature extraction methods to analyze audio signals, ensuring precise classification.
- Demonstrated expertise in model optimization, achieving an outstanding accuracy rate of 99.90% on test datasets.

Flight Price Prediction system-

- Developed and implemented a Flight Price Prediction System using machine learning techniques.
- Utilized data preprocessing and feature engineering, employing a Random Forest regression algorithm for accurate price forecasting.
- Successfully tuned model hyperparameters through RandomizedSearchCV, enhancing prediction precision in a dynamic airline pricing environment.

ACHIEVEMENTS &EXTRA-CURRICULAR ACTIVITIES

- Published Paper titled ' Mental Health Assistance Chatbot with Facial Emotion Recognition through Image Processing and Machine Learning' at 6th International Vishwacon Conference.
- Achieved silver medals in both Second Year (SY) and Third Year (TY) at the annual sports competitions in college.