SHRUTI SARJERAO CHOUGALE

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Summary

Computer Engineering student specializing in Data Science, with strong skills in programming and web development. Experienced in developing impactful projects such as a Finance Management System and a Vehicle Parking Management System. Passionate about creating efficient, real-world solutions through technology.

Education

Dr. D.Y.Patil Pratishthan's College of Engineering   Kolhapur
B.Tech in Data Science   10/2024 - Present

Instiue of Civil & Rural Engineering Gargoti   Kolhapur
Diploma │ Percentage: **87.21** / 100   08/2021 - 05/2024

Skills

Technical Skills: Python · C/C++ · HTML · CSS · JAVASCRIPT

Soft Skills: Communication · Problem Solving · Leadership Skills

Certification

Oracle — Data Base

Deloitte — Data Analysis

Projects

Finanace Management

- Built a Python project for managing income and expenses.
- Added features for budgeting and expense categorization.
- Stored data using file handling/SQLite database.
- Used Matplotlib to visualize financial reports.

Vehical Parking Management

- Developed a Python project for smart vehicle parking management.
- Implemented features to find empty slots, manage reserved slots, and allow pre-booking.
- Used data structures/SQLite for slot tracking and status updates.
- Applied data preprocessing, feature engineering, and regression techniques (Linear Regression, Random Forest, XGBoost).

Video-Audio Converter

- Developed a Python application to convert video files into audio formats.
- Supported multiple video and audio formats (e.g., MP4 to MP3).
- Implemented using Python libraries like MoviePy for easy conversion.

Hobbies

1. Trekking   2. Dancing   3. Learning new things

4. Photography