Megharaj Patil

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Profile

Motivated Computer Engineering student with expertise in **C++ Data Structures and Algorithms (DSA)**, **Data Science**, and **Web Development**. Skilled in **Python for data analysis, machine learning, and web development.** Eager to contribute to a collaborative team and expand technical skills in industry settings.

Education

Bachelor of Engineering in Computer Engineering
Modern Education Society's Wadia College of Engineering, Pune 2022 – 2026
SGPA: 8.35

Skills & Certifications

- **Programming Languages:** Python, C++ (DSA & OOP), Java (Basics), MySQL, MongoDB
- **Libraries:** NumPy, Pandas, Matplotlib, Seaborn
- **Web Development:** HTML, CSS, JavaScript, PHP
- **Soft Skills:** Strong communication skills, Leadership, Active listener, Quick learner
- **Certifications:** Apna College C++ DSA Certification

Experience

- **Data Science Intern**
  Sofcon Training Dec 2024 – Jan 2025
  - Conducted data preprocessing, statistical analysis, and feature engineering using Python (NumPy, Pandas).
  - Created insightful data visualizations using Matplotlib and Seaborn.
  - Wrote complex SQL queries for data extraction, transformation, and integration.

Academic Projects

- **Blood Donation Management System**
  Key Features:
  - Designed user interfaces for donor/recipient registration, blood search, and request submission using HTML, CSS, and React.js.
  - Developed blood search functionality based on various parameters.
  - Implemented an admin panel for real-time monitoring of donations.

  Technologies Used: React.js , MongoDB, REST APIs

- **Carbon Footprint Calculator**
  Key Features:
  - Created input forms to capture activities such as travel, energy usage, and waste production.
  - Implemented real-time carbon footprint calculation and personalized recommendations.
  - Managed data storage and user tracking with MySQL.

  Technologies Used: PHP, MySQL, HTML, CSS, JavaScript

- **Movie Recommendation System Using Content-Based Filtering**
  Key Features:
  - Developed movie recommendations based on genre, cast, crew, and keywords, suggesting top 30 similar movies.
  - Integrated real-time dynamic suggestions based on user inputs.

  Technologies Used: Python, Flask, Scikit-learn, TF-IDF, Cosine Similarity