

Megharaj Patil

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Education

Bachelor of Engineering in Computer Engineering

Modern Education Society's Wadia College of Engineering, Pune
SGPA: 8.35

2022 – 2026

Experience

• Data Science Intern

Sofcon Training

Dec 2024 – Jan 2025

- Conducted data preprocessing, statistical analysis, and feature engineering using Python (NumPy, Pandas).
- Created data visualizations using Matplotlib and Seaborn.
- Developed machine learning models using Scikit-learn and optimized them for better accuracy.

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 and Keep track of trending and recently searched movies.

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

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

Extracurricular Activities

– NSS Volunteer

Participated in blood donation drives, environmental awareness campaigns, and helping the underprivileged communities. Developed leadership and team-building skills.