

MEGHARAJ PATIL

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Summary

Computer Engineering student and aspiring Software Engineer, proficient in **Full-Stack Development, AI integration, and Machine Learning**. Adept at problem-solving, debugging, and building efficient, real-world systems.

Skills

- **Languages:** Python, C++, Java (Basic), JavaScript
- **Core CS:** Data Structures & Algorithms, Object-Oriented Programming, DBMS, Operating Systems
- **Web Development:** HTML, CSS, PHP, React.js, Node.js, REST APIs
- **Databases:** MySQL, MongoDB
- **Tools & Platforms:** Git, GitHub, CI/CD, AI Tools (ChatGPT, Gemini)
- **Soft Skills:** Communication, Leadership, Team Collaboration, Problem-Solving

Experience

Data Science Intern

Dec 2024 – Jan 2025

Sofcon Training

- Performed **data preprocessing, feature engineering, and statistical analysis** using Python libraries (NumPy, Pandas).
- Engineered and optimized **regression-based machine learning models**, improving predictive analytics accuracy.
- Designed **interactive data visualizations** using Matplotlib and Seaborn to support decision-making.

Projects

Conversational AI Chatbot | React, Node.js, OpenRouter API, REST API

[GitHub]

- Developed an **AI-powered chatbot** using React and Node.js with real-time interaction via OpenRouter API.
- Implemented secure frontend-backend integration through REST APIs, enhancing user experience.

Carbon Footprint Calculator | PHP, MySQL, HTML, CSS, JavaScript

[GitHub]

- Built an interactive platform to calculate users' carbon footprint based on travel, energy, and waste data.
- Integrated **personalized sustainability recommendations** and enabled user data tracking via MySQL.

Flight Price Prediction Model | Python, Machine Learning, Flask

[GitHub]

- Developed a Flask-based web application to predict flight prices with **R-squared = 0.9854** on 300K+ records.
- Applied **AI-assisted prompting** to accelerate project development and ensure model adaptability.

Education

B.E. Computer Engineering

2022 – 2026

Modern Education Society's Wadia College of Engineering, Pune

SGPA: 8.79/10

Higher Secondary Certificate (HSC)

2021 – 2022

Sangameshwar Junior College, Solapur

78.17%

Secondary School Certificate (SSC)

2019 – 2020

Siddheshwar High School, Solapur

94%

Certifications & Activities

- Artificial Intelligence – Infosys Foundation Finishing School
- C++ DSA Certification
- Introduction to MongoDB – MongoDB University
- NSS Volunteer – Social Service Engagement