Pulkanti Sandhya Rani

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Summary

I am a passionate web developer with experience in building dynamic and responsive websites using HTML, CSS, JavaScript, and React. I have worked on various projects, including a Medication Reminder website, enhancing my frontend development skills. Additionally, I have developed landing pages, portfolios, and Python-based applications including Air Pollution Prediction website using Machine Learning Algorithms. I am eager to apply my skills and contribute to innovative projects, and gain valuable industry experience.

Skills

Language: Python   **Web Development:** HTML, CSS, JavaScript, Bootstrap, React.js , Flask
Core Subjects: DBMS, OS, CN, DSA Basics, OOPS   **Version Control:** Git, GitHub

Experience

Data Science and Machine Learning Internship

- Completed an internship covering fundamental concepts of Data Science and Machine Learning.
- Learned and applied Python for data analysis and machine learning tasks.

Projects

Medication Reminder Website

- Developed a web application that helps users set reminders for their medication schedules.
- Implemented user-friendly features using HTML, CSS, JavaScript, and React.js.
- Integrated local storage to persist reminders and allow users to manage their schedules.
- Designed an intuitive UI for easy accessibility and efficient navigation.

Prediction of Air Pollution Using Machine Learning Algorithms

- Developed a web application to predict air quality levels using environmental data.
- Used Python for data cleaning, analysis, and implementing regression models.
- Built the backend with Flask and created a responsive front end using HTML, CSS,d JavaScript

Education

CSI Wesley Institute of Technology and Sciences
B.Tech in Computer Science and Engineering (Expected Sep, 2025)
GPA: 8.1
Sri Chaitanya Junior College
Class XII (June, 2021)
GPA: 9.8
SVR Educational Academy
Class X (May, 2019)
GPA: 9.8

Achievements

Certification from GUVI

- Received a certification from GUVI where I developed a basic chatbot using the RAG model.

Hackathon

- Participated in a hackathon by Tech Titans where I developed a Student Mental Health Support Platform called EaseUp.