

Shrishti Bajpai

✉ sb.shrishti10@gmail.com ☎ 9389699968 🌐 shrishh9 🌐 Shrishti Bajpai

Profile

Dedicated Bachelor of Technology student majoring in computer science and engineering with a focus on Artificial Intelligence and Machine Learning. Eager to contribute to cutting-edge projects and continuously expand my knowledge in the field.

Education

Symbiosis Institute of Technology, 2022 – 2026
Bachelor of Technology in Computer Science and Engineering Pune, Maharashtra, India
CGPA: 7.2

Delhi Public School Lucknow, Uttar Pradesh, India
Class XII: 87.8%
Class X: 94.8%

Skills

C++	C
Python	MySQL
PL/SQL	Java
HTML	CSS
Javascript	

Projects

Carbon FootPrint Tracking and Carbon Emission Prediction using AI Models, (Python)

- Developed a chatbot integrated with a carbon footprint calculator and an emission prediction model.
- Estimated carbon emission for the next 6 years using machine learning models like ARIMA, SARIMAX, Holt-Winters, achieving up to 99.2% accuracy in forecasting emissions.
- Created an interactive chatbot that calculates individual carbon footprints based on user habits and offers practical tips for reducing emissions.

Travel and Tourism Management System, (Java, MySQL, PL/SQL)

- A comprehensive software solution for travel agencies and hospitality businesses to streamline bookings.
- Users can register, make reservations, track tour information, and cancel bookings easily.

Bank Management System, (C++)

- Efficiently manage banking operations such as customer accounts, transactions, and balance inquiries.
- Create, update, and delete customer accounts, storing details like name, account number, and account type and perform deposits and withdrawals, track transactions, and allow customers to check their account balance.

To-Do List, (HTML, CSS, JavaScript)

- Developed a responsive web application to manage task dynamically
- Implemented features for adding, marking as completed, and deleting tasks with local storage integration for persistent data.

Languages

English	Hindi
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