

Prerna Sharma

8209833992 | premaa999@gmail.com | Jaipur, Rajasthan

Summary

Enthusiastic and dedicated BTech student pursuing Computer Science at JK Lakshmipat University, Jaipur. Passionate about technology and innovation, with a focus on practical projects. Skilled in programming languages like Python, Java, and C++, with a strong understanding of data structures and algorithms. Eager to learn and contribute to innovative projects, especially in the field of Machine Learning.

Skills

Proficient in Java , C with Data structures and Algorithms, Front-End Development, OOP, Data Analysis, JavaScript, CSS, HTML

Education

JK Lakshmipat University | Jaipur, Rajasthan
B.Tech(CSE) | 05/2026

St. Mary's Convent Sr. Sec. School | Jaipur, Rajasthan
PCM | 06/2022

Certifications

- Statistics for Data Science with Python (IBM)
- Object Oriented Programming in Java (University of California San Diego)
- Programming for Everybody (Getting Started with Python) University of Michigan
- Matrix Algebra for Engineers (The Hong Kong University of Science and Technology)

Projects

- **Sustainable Development Goal Analysis- Land** : In collaboration with a group, I undertook a project focusing on one of the SDGs, particularly the goal related to land. Our project involved extensive data analysis, including prediction modeling and the creation of visual graphs to enhance data visualization. The final report provided recommendations for addressing challenges related to land sustainability.
- **Crop recommendation using Machine Learning** : Worked on an ML project with group members to recommend suitable substitute crops based on factors such as soil type, weather conditions, and temperature. Used bagging SVM, decision tree logistic regression, and KNN algorithms for analysis.
- **Music Database Management System**: I successfully integrated data with the interface using Python and DB software for a project focused on music. This involved handling both the backend and frontend, implementing numerous features to enhance the user experience.