

Bhumika Sahu

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Education

Vellore Institute of Technology

MTech

Major in Artificial Intelligence and Data Science
Cumulative GPA: 8.08/10

Bhopal, Madhya Pradesh
Expected April 2026

Shri Shankaracharya Group of Institutions

BTech

Major in Information Technology
Cumulative GPA: 8.7/10

Bhilai, Chhattisgarh
May 2023

Vidhya Kunj School

12th Standard

CBSE Grade: 63.4%

Dhamtari, Chhattisgarh
March 2019

Mennonite English Senior Secondary School

10th Standard

CBSE GPA: 8.2/10

Dhamtari, Chhattisgarh
March 2017

Technical Skills

C, Python, Artificial Intelligence, Tableau, Docker, Git, Excel

Projects

Heart Disease Prediction (Research paper)

Nov 2024 – Feb 2025

- Conducted research on heart disease prediction using machine learning techniques.
- Developed and tested predictive models using Decision Trees (DT), Random Forest (RF), K-Nearest Neighbors (KNN), and Support Vector Machines (SVM).
- Executed exploratory data analysis (EDA) and model development in VS Code.

Outfit Recommendation system (Team Project)

Jan 2025

- Leading the development of AI-driven outfit recommendation system tailored to body types.
- Collaborating with developers and product manager to refine project objectives and feature prioritization.
- Implementing advanced machine learning algorithms to enhance recommendation accuracy.

Crypto Tracker Web

March 2023 – April 2023

- Designed and developed a dynamic website to track real-time cryptocurrency updates and portfolio management.
- Utilized tools like Excel and Tableau to analyze and visualize cryptocurrency trends.
- Implemented core functionalities using Python for data processing and automation.

Certifications & Trainings

Online course in python (Coursera) – Jan 2020, Google cloud facilitator programs – Sep 2020, Build a face recognition application using python(GUVI) – April 2021

Extracurricular

Health Hackathon

Jan 2025

- Developed an AI-powered emotion chatbot using NLP models in python.
- Engineered a facial expression recognition system to detect emotions such as sadness, happiness, and depression from images.

Additional

Languages: Fluent in Hindi, English; Conversational Proficiency in Chhattisgarhi

Subject Studied: DBMS, Artificial Intelligence, Data Analytics and Visualization, Scalable Systems for data science