

Bhumika Sahu

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Education

Vellore Institute of Technology

MTech

Major in Artificial Intelligence and Data Science

Cumulative GPA: 7.5/10

Bhopal, Madhya Pradesh

Expected May 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)

Jan 2023 – April 2022

- 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 –Ongoing.

- 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

Jan 2023 – April 2022

- 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 faciliator programs – Sep 2020, Build a face recognition application using python(GUVI) – April 2021

Extracurricular

Health Hackathon

Jan 2021 – April 2021

- 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