

Bhumika Sahu

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Education

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| 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

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| Heart Disease Prediction (Research paper) • 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. | Nov 2024 – Feb 2025 |
| Outfit Recommendation system (Team Project) • 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. | Jan 2025 |

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

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| Health Hackathon • 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. | Jan 2025 |
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Additional

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

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