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Namrata Bhutani

Technical Skills: Proficient in Java (Data Structures and Algorithms), Python, HTML/CSS, MATLAB(Basic).

Soft Skills: Strong problem-solving, communication, teamwork, and leadership abilities

Certification:

- Python Essentials - VITyarthi (May 2023)
- Machine Learning and Data Science with python (Aug 2024)
- Bits and Bytes of computer networking-Coursera (Dec 2023)

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE)	Aug 2022 –Ongoing	VIT Bhopal University, Bhopal, MP	9.2/10 (Current)
Class XII	June 2022	Prelude Public School, Agra, UP	95.0%
Class X	June 2020	St. Francis Convent School, Agra, UP	92.3%

ACADEMIC PROJECTS

Machine Learning	<ul style="list-style-type: none">▪ Driver Drowsiness Detection System (July 2023 – Oct 2023)<ul style="list-style-type: none">- Description: Implemented a real-time drowsiness detection system by analyzing EEG signals (brain waves) to detect a person's state (drowsy or awake). Adapted a LSTM model to draw insights.- Technology: MATLAB, EEG SIGNALS- Team Project: Collaborated with a cross functional team of 5 members- Role: Developer- Results: Achieved the accuracy of 96%.▪ Air Quality Prediction Model (Nov 2024 – Dec 2024)<ul style="list-style-type: none">- Description: Developed model for prediction of Air quality index. Find out the correlation between various components affecting AQI.- Technology Used: Python and its Libraries: Numpy, Pandas, Matplotlib, sklearn, etc.- Results: Achieved accuracy of around 80%.
Frontend	<ul style="list-style-type: none">▪ Ayur-Veer (Feb 2024– June 2024)<ul style="list-style-type: none">- Description: Strategically designed and implemented a hospital management system to efficiently organize patient records, appointments, and staff management.- Technology: HTML, CSS, php, JavaScript, MySQL.- Team Project: Collaborated with a team of 5 members- Role: HTML/CSS and JavaScript Developer

INTERNSHIP

Smart Internz, Virtual Internship April 24 – Jul 24	<ul style="list-style-type: none">▪ Business Analytics Virtual Internship Program by Qlik:<ul style="list-style-type: none">- The Project - "Data-Driven Innovations in Supply Chain Management with Qlik Insights"- was to draw insights to optimize inventory management demand by using Qlik Sense.- Maximize production efficiency and quickly respond to shifts in demand with near real-time insights to avoid over- or under-stocking.- Integrates business analytics and Qlik cloud to create visualizations and understand data.
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CO-CURRICULARS

Coding	<ul style="list-style-type: none">▪ HackerRank 5 Star in Python.
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EXTRA-CURRICULARS AND ACHIEVEMENTS

Responsibilities	<ul style="list-style-type: none">▪ Event Coordinator, Code Garuda 2.0, Microsoft Technical Club VIT BHOPAL (Feb 2024) – Led a dedicated team 20 volunteers to organize Code Garuda 2.0 held during ADVITYA 2024(Annual Fest, VIT Bhopal).
Extracurricular	<ul style="list-style-type: none">▪ Volunteered in Code Garuda 1.0, Microsoft Technical Club, VIT Bhopal (Feb 2023)-ADVITYA 2023.▪ Participated in various hackathons like Google Girl Hackathon, Hack-On with Amazon, Flipkart Grid 5.0, etc.

ADDITIONAL INFORMATION

Hobbies	<ul style="list-style-type: none">▪ Painting and travelling
Languages	<ul style="list-style-type: none">▪ English, Hindi

