



UDITYA NARAYAN TIWARI

Jaunpur, Uttar Pradesh

 [LinkedIn](#)  [GitHub](#)

EDUCATION

VIT Bhopal University, Kothrikalan

B.Tech - Computer Science Engineering with AI & ML - CGPA: 8.91

2023 – Present

VIT Bhopal University

RHS Inter College Singramau, Badlapur, U.P

XII (State Board) - Percentage: 70%

2022

Badlapur, Uttar Pradesh

SLBM Purvanchal H S S Badlapur, Jaunpur, U.P

X (State Board) - Percentage: 77%

2020

Jaunpur, Uttar Pradesh

EXPERIENCE

Core Member, Matrix Media Club

Jan-2025 Jul-2025

Role: Member of Tech Team

VIT Bhopal University

- Building Smart applications for focusing on the seamless communication between Hosts and Clients

Technical Member, Microsoft Learn Student Chapter

April 2025 - Present

Role: Member of Tech Team and Admin of Microsoft Student Technical Community VIT Bhopal

- Leading technical initiatives with Microsoft technologies including Azure cloud services, Organizing workshops and mentoring students in Microsoft technology stack.

PROJECTS

Weather Forecasting Web App | Python

April 2024

- Developed a web application that provides real-time weather forecasts using responsive design and integrated APIs. Implemented features for location input, display of current and future weather, and forecast visualization to enhance user experience.

Breast Cancer Prediction using ML Models | Python, Jupyter Notebook

September 2024

- Built a compact machine learning project to predict breast cancer diagnosis using UCI data. Compared multiple models (Logistic Regression, Decision Tree, Random Forest, SVM, k-NN) for classifying tumors. Random Forest achieved highest accuracy and ROC-AUC.

Credit Card Approval Prediction Using ML Model | Jupyter Notebook, VS Code

June 2025

- Developed a machine learning web app to predict credit card approval using user financial data. Implemented data preprocessing, trained Random Forest and other classification models, and deployed real-time predictions with a Flask interface. Evaluated model performance using accuracy and F1 score.

Smart Medical Care For Rural Areas | Jupyter Notebook, VS Code

Nov 2025

- Developed an AI-powered medicine recommendation system that leverages Natural Language Processing (NLP) techniques to suggest medicines based on user symptoms. Implemented Sentence Transformer and MMR cosine similarity for accurate symptom-to-medicine matching, along with data preprocessing and feature extraction pipelines. Integrated the ML model with a Flask-based backend to deliver real-time, intelligent recommendations.

SKILLS

Languages: Python, C++, Java, C, SQL

Technologies/Frameworks: NLP, Scikit-learn, Matplotlib, Seaborn, Data Preprocessing, ML Model Evaluation, OOP, Algorithms & Data Structures

Developer Tools: VS Code, PyCharm, IntelliJ, Canva, Kaggle

Soft Skills: Leadership, Teamwork and Collaboration, Communication, Problem-Solving, Time Management, Multitasking

CERTIFICATES

- Geodata Processing using Python (IIRS, ISRO) - Feb 2024
- AI/ML For Geodata Analysis Indian Institute of Remote Sensing (IIRS), ISRO - Sep 2024
- IU Indianapolis Insights on Computational Data Science (IU Indianapolis) - Nov 2024
- Final Round Qualifier, VIT Bhopal x Johns Hopkins University International Hackathon - Jan 2025
- First prize winner in VIT Bhopal University Hackathon - Feb 2025