

Isita Kangsa Banik

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Professional Summary

Computer Science undergraduate with a CGPA of 8.76 and project experience in machine learning and web development. Skilled in Python, data analysis, and UI development. Contributed to projects with practical outcomes in healthcare and environmental monitoring. Known for consistent involvement in campus clubs and event planning.

Education

VIT Bhopal University, Madhya Pradesh

B.Tech in Computer Science

CGPA: 8.76/10

Expected May 2026

Bishop Morrow School, West Bengal

ICSE (Class 12): 92%

2021

ISC (Class 10): 96.5%

2019

Technical Skills

Languages: Python, SQL, MATLAB

Tools: Microsoft Project, Excel, MySQL, Google Colab

Concepts: Machine Learning, Data Analytics, Frontend Development, SDLC

Certifications

Python Essentials — Vithyarthi

The Bits and Bytes of Computer Networking — Coursera (Google)

Marketing Analytics, Cloud Computing — NPTEL

Projects

Parkinson's Disease Detection Using Machine Learning

Jan 2024 – May 2024

- Developed a voice-based ML model to predict Parkinson's disease, achieving 98.31% accuracy with MLP.
- Applied feature selection (SelectKBest), SMOTE, and GridSearchCV for model optimization.
- Tested multiple algorithms including SVM, Random Forest, and KNN on Google Colab.

Water Quality Monitoring System (Web App)

Jan 2025 – Apr 2025

- Built frontend interface using Next.js and TailwindCSS for monitoring water quality parameters.
- Integrated chatbot and dynamic data visualizations; coordinated with backend and ML teams for API syncing.
- Tested UI with users and refined design based on feedback for better clarity and responsiveness.

Leadership and Extracurriculars

Manager, iOS Club, VIT Bhopal

Aug 2022 – Present

- Coordinated the promotion and execution of 5+ technical events including workshops and seminars.
- Managed a small creative team handling design and communications across online platforms.
- Facilitated interactions with alumni and guest speakers to organize skill-sharing sessions.

Social Media Lead, Bengali Club, VIT Bhopal

Sep 2020 – Present

- Created and managed event content for social platforms, increasing engagement during festivals and annual events.
- Participated in organizing cultural nights, stage shows, and inter-club events at the university level.
- Contributed to multiple dance and theatre performances representing the club in university fests.

Additional Information

Languages: English, Hindi, Bengali

Interests: ML for social good, Web design, Cultural event planning, Creative content writing