

Bipasha Chakraborty

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ABOUT

Pre-final-year B.Tech CSE student specializing in AI, Cloud, and full-stack development. Proven experience in building ML-based systems, responsive web apps, and leading cross-functional teams. Seeking software development or AI/ML internship roles to apply technical skills in real-world environments.

Education

VIT BHOPAL UNIVERSITY , Bachelor of Technology Computer Science and Engineering Sept 2023 - May 2027

- CGPA: 8.7 (till 4th Sem)

KV AFS JORHAT, ASSAM Apr 2012 - Apr 2022

- 12th: 78% (PCMB)
- 10th: 90.41%

Technologies

Programming Languages: Python, C++, C, Java, MATLAB, HTML, CSS

Frameworks: OpenCV , GitHub, AutoCAD, Figma

Concepts: DSA, DBMS, Operating Systems, Machine Learning, AI, CAO

Projects

Student Attendance via Face Recognition

- Designed and implemented a real-time facial recognition system using OpenCV and K-Nearest Neighbors Classifier and labeling, improving detection accuracy by 15% with optimized dataset handling.
- Technologies: Python, scikit-learn, OpenCV, Datasets.

FARM-AI — Smart Farming Assistant App

- Developed an Android application in Java using Android Studio to provide AI-powered agricultural suggestions based on crop and weather inputs; implemented real-time database integration.
- Technologies: Java, Android Studio, Firebase, XML, ML basics

NARIYUGG — Digital Platform for Rural Entrepreneurs

- Built a multilingual web platform focused on accessibility and localization for rural businesswomen
- Designed a responsive front-end and data handling (developing).
- Technologies: JavaScript, HTML, CSS

Experience

Android App Development (Summer Internship)

May 2024 – June 2024

- Completed a 4-week project-based internship focused on Android app development using Java and Android Studio
- Built FARM-AI app with AI-based crop suggestion logic, Firebase database integration, and responsive UI using XML.
- [View Certificate](#)

Core Member

2023 – Present

Mahro Rajasthani Club

- Collaborated with the Event Management Team to organize two major university fests, each attracting 1000+ attendees
- Managed logistics, sponsorships, and participant coordination for cultural events.
- [View Certificate](#)

Volunteer

2022 – 2023

National Service Scheme (NSS)

- Led initiatives, cleanliness drives, and tree, and increased campus participation in eco-friendly activities.

Certifications

- NPTEL SWAYAM – Introduction to Machine Learning by IIT Madras (Elite Badge)
- Generative AI Certification – LinkedIn Learning

Soft-Skills

- Strong verbal communication
- Effective time management
- Adaptability and multitasking
- Critical thinking and problem-solving
- Collaborative team player