

Shreenita Saha

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EDUCATION

VIT BHOPAL UNIVERSITY

Bachelor of Technology

Major in Computer Science; Minors in Artificial Intelligence & Machine Learning

Cumulative GPA: 9.24/10

Relevant Coursework: Data Structures and Algorithms, Programming in Cpp, Machine Learning, Deep Learning

Bhopal, Madhya Pradesh

Expected September 2026

NAVA NALANDA HIGH SCHOOL | THE BSS SCHOOL

12th Percentage (WBCHSE): 88.6%

10th Percentage (WBSSC): 94.6%

Kolkata, West Bengal

WORK EXPERIENCE

IIIT GUWAHATI

Machine Learning Researcher

Remote

May 2024 – Nov 2024

- Conducted research on predicting priority-based layer-wise connections in social networks using advanced data analysis and feature engineering to improve prediction accuracy.

MY SAFE CIRCLE (Non-profit Mental Health Organization)

- Crafted and delivered impactful content on diverse mental health topics

Remote

March 2024-July 2024

PROJECTS

PAWSITIVE CARE WEB PORTAL (Group Project)

April 2025

- Implemented Developed an all-in-one platform for pet owners covering pet tracking and health management; contributed by designing and implementing the PawPal chatbot assistant for user support..

HARRY POTTER'S INVISIBILITY CLOAK

Dec 2024

- Developed a real-time invisibility cloak using OpenCV with color isolation, image segmentation, and advanced masking and contour-tracking algorithms, achieving 90% background reconstruction fidelity and processing frames within 50 milliseconds.

TEXT CLASSIFICATION AND SUMMARIZATION

Nov 2024

- Developed a custom TF-IDF algorithm improving summarization accuracy by 2.25% over baseline models and published research on IEEE Xplore indexed by Scopus.

HERMIONE GRANGER NARRATES YOUR LIFE

Feb 2024

- Built real-time OpenCV system with 98% detection accuracy; integrated GPT and voice cloning for witty narrations.

ACTIVITIES

TECHNICAL CLUBS (AI Club, Fintech Club , Null Chapter)

Editorial and Management Team

Bhopal, Madhya Pradesh

Jan 2023- May 2025

- Authored articles on AI Pets and journalism for the club newsletter. Managed hackathons and recruitment process.

BENGALI CLUB

Vice President

Bhopal, Madhya Pradesh

Feb 2024 – Feb 2025

- Conducted cultural events and administrative tasks while supervising teams to ensure smooth execution and coordination.

COLLEGE CULTURAL FEST, IIT ROORKEE

Roorkee, Uttarakhand

- As a Classical Dance Team lead, led a 7-member team to semi-finals, demonstrating leadership and teamwork. Oct 2023

ADDITIONAL

Technical Skills: Cpp, Python, Flask , TensorFlow

Languages: Fluent in English and Bengali, Proficiency in Hindi

Certifications & Training: Privacy & Security in Online Social Media (NPTEL), MongoDB Database

Administrator(MongoDb), Applied Machine Learning in Python(Coursera), Intro to Front End Development(Coursera)