

AUDITEE SAHA CHOWDHURY

Cooch Behar, India | [linkedin.com/in/auditeeasc](https://www.linkedin.com/in/auditeeasc) | +91-8145436232 | visitauditee2003@gmail.com

SUMMARY

Enthusiastic Computer Science graduate skilled in C++ and Python, with internship experience in Deep Learning. Proficient in building and optimizing AI models and developing scalable software solutions. Eager to apply strong programming and problem-solving skills in a Software Engineer role and contribute to innovative technology-driven projects.

EDUCATION

- **JIS College of Engineering** Sept 2021– May 2025
 - BTech (Bachelor of Technology) in Computer Science Engineering CGPA – 7.9/10
 - Graduate Coursework: Object Oriented Programming, Data Structures and Algorithms, Databases, Web Development, Data Mining etc.

SKILLS

- **Programming Languages:** Python, C++
- **Frontend:** Html, CSS
- **Others:** Git/GitHub, Agile Methodology
- **Frameworks & Tools:** HTML, CSS, MYSQL

EXPERIENCE

Indian Institute of Technology (Kharagpur Campus) [VIEW](#) MAY 2024 – JULY 2024

Deep learning Intern

- Completed rigorous project-based learning as a Deep Learning Intern.
- Gained hands on experience in deep learning, model building, CNNs.
- Developed deep learning models to generate actionable insights.
- Contributed data-driven decision-making in the project.
- Enhanced neural network techniques and problem - solving skills through real world projects.

CERTIFICATIONS

- AWS Academy Graduate - AWS Academy Cloud Foundations [VIEW](#)
- United Latino Students Association – Hacker Rank Basic Python [VIEW](#)
- Data Structure – University of California San Diego (Coursera) [VIEW](#)

PROJECTS

- **Early Esophageal Cancer Detection:** [VIEW](#)
 1. Compared machine learning and deep learning models for early esophageal cancer detection.
 2. Evaluated Logistic Regression, Decision Tree, Random Forest, CNN, and U-Net models for diagnostic accuracy.
 3. Highlighted the superior performance of CNN and U-Net in image-based cancer detection.
 4. Suggested hybrid models to improve early cancer diagnosis and clinical application.
- **Hospital Management System:** [VIEW](#)
 1. Designed a hospital management ER model linking patients, staff, treatments, and appointments.
 2. Built relational schemas connecting Patient, Physician, Nurse, Medication, and Department entities.
 3. Applied primary and foreign key constraints to ensure relational data integrity.
 4. Modeled procedures, prescriptions, scheduling, and staff certifications in the database.
- **Phishing Domain Detection:** [VIEW](#)
 1. Developed a phishing website detection system using ML algorithms like XGBoost, Random Forest, and SVM.
 2. Extracted and engineered URL-based features to enhance phishing and legitimate site classification.
 3. Achieved 86.4% detection accuracy with XGBoost by training on 10,000 phishing and benign URLs.
 4. Conducted comparative evaluation of ML models to propose efficient phishing detection techniques.

ACHIEVEMENTS

- Patent Publish 2024 [VIEW](#)
- Article writer and winner award in Wall [VIEW](#)
- Magazine of Humanities Dept 2022. [VIEW](#)
- Winner Award in Wall magazine in JISCE 2022 Tech fest. [VIEW](#)
- Winner Award & 3rd position Award in Physics Project in JISCE 2022 Tech fest. [VIEW](#)