



Souptik Roy

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GitHub — LinkedIn

Summary

B.Tech CSE final-year student with a strong understanding of core computer science subjects and programming skills in Python, Java, SQL, and basic machine learning. Skilled in logical thinking and communication, eager to contribute as a junior developer and grow through real-world projects

Skills

- **Programming:** Python, Java, C
- **Core CS:** DSA, DBMS, OOP, OS, CN
- **Tools:** Git, VS Code, MySQL
- **Machine Learning:** Basic ML , Pandas, Scikit-Learn
- **Web:** HTML, CSS, JavaScript
- **Soft Skills:** Communication, Teamwork, Problem-Solving, Time Management

Education

- **B.Tech in Computer Science**, DIATM, MAKAUT (2022–2026) — CGPA: 78.9
- **Higher Secondary (12th)**, WBCHSE (2022) — 94.4%
- **Secondary (10th)**, WBBSE (2020) — 81.7%

Projects

- **Spam Email Classifier Project:** Spam Classifier

Description: Automated filtering system that helps users by identifying and separating spam messages, saving time and improving efficiency.

Tech Stack: Python, Scikit-learn, Pandas, Ensemble Learning

Link: <https://spam-classifier-souptik.netlify.app/>

- **PlastiCure – Smart Waste Detection System**

Description: AI-based smart dustbin that detects plastic waste and automates waste management.

Role: ML Model Developer Frontend Engineer

Tech Stack: Python, OpenCV, TensorFlow, ESP32-CAM, Arduino Uno, HTML, CSS, JavaScript

Internships

- **AI/ML Intern – CTTC Bhubaneswar (Sep–Oct 2025)** Developed a face recognition system using Python and OpenCV; practiced ML model training, and deployment workflows.
- **Web Development Intern – VaultOfCodes (Mar–Apr 2025)** Created automation scripts and basic scraping utilities; built responsive websites using HTML, CSS, and JavaScript

Certifications

1. Core Java Certification – CADEASY
2. Python Programming – IIT Madras (NPTEL)
3. Soft Skill Development Programming – IIT Kharagpur (NPTEL)
4. Office Automation & Publishing – RGCSM
5. Machine Learning Certification – CADEASY
6. Basic SQL – Great Learning

Achievements & Extra Curricular

- Awarded **Excellent** at MediTech Expo 2024 for PlasteCure project.
- Recognized by **CBS Publishers** for detecting and reporting book errors.
- Awarded NPTEL **Elite** certificate for outstanding performance in **Python Programming**.
- Certified at **IHMCC 2024** tech fest for Smart Helmet project.