KOUSHANI BHOWMIK

Barasat, West Bengal, Kol–700125
9836473324 | koushanibhowmik2004@gmail.com
GitHub | LinkedIn | Portfolio
CSE (AI & ML) Student | Frontend Developer

ABOUT ME

A motivated and diligent third-year Computer Science and Engineering student specializing in Artificial Intelligence and Machine Learning, seeking an internship or entry-level position to leverage my skills and contribute to innovative projects.

EDUCATION

8.07/10	B. Tech in Computer Science and Engineering with Artificial Intelligence and Machine Learning
	Bengal Institute of Technology, 2022 – 2026
84.6%	XII
	Barasat Girls High School, 2020 – 2022
89.0%	X
	Ramakrishna Vivekananda Mission, Barrackpore, 2010 – 2020

TECHNICAL SKILLS

Programming Languages	**Java, C, Python, HTML, CSS, JavaScript, SQL**
Technologies	**Git, GitHub, VS Code, Canva**

SOFT SKILLS

- Team Collaboration
- Time Management
- Problem-Solving
- Remote Work Proficiency

PROJECTS

- **Portfolio** (December 2022) — *GitHub*
  Personal Portfolio Website
    - A personal portfolio showcasing details about my projects, skills and achievements.
    - Tech Stack: HTML, CSS, JS

- **Gesture Vocalizer** (June 2023 – July 2023) — *GitHub*
  Hardware-based Project
    - Developed a system that recognizes and interprets sign language gestures captured by gloves.
    - Provides real-time translation of gestures into both spoken and written language.
    - Tech Stack: Arduino Uno, Flex sensor, HC05

- **Climate Prediction System** (August 2024) — *GitHub*
  Hardware-based Project using Raspberry Pi 4
    - Built a system that forecasts weather conditions up to 2 days in advance.
    - Monitors parameters such as temperature, humidity, light intensity, and rainfall.
    - Provides real-time data and displays weather forecasts on an LCD.
    - Tech Stack: Raspberry Pi 4, Sensors (DHT11, LDR, Rain), LCD Display

- **Online Learning System** (August 2024) — *GitHub*
  Software-based Project
    - Created an online platform offering free skill courses with structured roadmaps from beginner to advanced levels.
    - Integrates projects and contests for skill practice and improvement.
    - Curates video resources, assignments, and materials to ensure comprehensive learning.
    - Tech Stack: HTML, CSS, JavaScript, Flask, SQLite

CODING PROFILES

HackerRank : **5 stars** in **Java** | **5 stars** in **Python** | **4 stars** in **C**
GeeksForGeeks : Max Streak: **239** | College Rank: **15** | Problems Solved: **500+**
Coding Ninjas : College Rank: **1** | Problems Solved: **200+**

ACHIEVEMENTS

2023: 1st Place - College-wide Hardware Project Competition (20 teams, 1st year)
2023: 1st Place - College-wide Drone Competition (10 teams, 1st year)
2024: 3rd Place - College-wide Hardware Project Competition (20 teams, 2nd year)
2024: 2nd Place - Internal SIH 2024 (100 teams, 3rd year)

CERTIFICATES

Google Cloud Computing Foundations & Generative AI – GDSC Club (2023)
Python Certificate – HackerRank (2023)
Java Certificate – Coding Ninjas (2024)
OOPs Certificate – Coding Ninjas (2024)