PRITOM ROY

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SUMMARY

Aspiring IT professional with a strong interest in learning and applying modern technologies. Continuously developing technical skills and seeking opportunities to gain real-world experience in the tech field.

EDUCATION

Jahangirnagar University   **Jan 2023 - May 2027**
B.Sc. in Information and Communication Technology, Attending CGPA: 3.88 (Up to 5th semester)

CERTIFICATIONS

- **Python (Basic) Certification** – HackerRank   **Feb 2026**
  Credential ID: 057509B67EFA

ACTIVITIES

Hackathons

- **Top 20** at INNOVATEX Hackathon, BUBT (Team JU Script_Squad)
- **Top 20** at BUET CSE FEST Hackathon, BUET (Team APIc Fail)

Competitive Programming

- Participant in IEEE Xtreme 19.0 Programming Contest
- **Codeforces**: Rating 877 (150+ solved)   **HackerRank**: 4(*) in Problem Solving, Silver Badge in Python
- **ICPC Global Profile**

TECHNICAL SKILLS

Languages	C, C++, Java, HTML, CSS, JavaScript, Python, TypeScript
Frameworks & Libraries	Node.js, React, Next.js, Django, FastAPI, Bootstrap, Streamlit (basic), Gradio
Databases	MySQL, PostgreSQL
AI / Data Science	Machine Learning, Deep Learning, Natural Language Processing (NLP), Computer Vision, Large Language Models (LLMs)
Operating Systems	Windows, Linux (basic command-line usage)
Tools	Git, GitHub

PROJECTS

JUSC Official Website — Jahangirnagar University Science Club Portal

- Designed and developed the official website for Jahangirnagar University Science Club to showcase club activities, departments, leadership, events, notices, and publications. Built with structured multi-page navigation and media integration to improve online presence and communication.
  Live — GitHub

CourseShera — AI-Powered Supplementary Learning Platform

- Designed an AI-powered platform that organizes fragmented course resources (slides, PDFs, code, references) into a structured system with intelligent search, automated study material generation, and a conversational interface for seamless student support. **Demo** — **GitHub**

EcoBite — AI-Powered Food Management & Sustainability Platform

- Smart meal planning and food tracking system that reduces waste and promotes affordable, nutritious eating aligned with SDG 2 and SDG 12. **Demo** — **GitHub**

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

Jahangirnagar University Science Club Dhaka, Bangladesh
Secretary *Dec 2025 – Current*

- Coordinated multiple departments including the IT Team, Website Management Team, Promotion Team, Publication Team, and Project Team, etc.

IEEE Student Branch, Jahangirnagar University Dhaka, Bangladesh
Co-Lead *Jan 2024 – Mar 2025*

- Coordinated technical events including IEEEXtreme, TEHI Conference, and Data Analysis Workshops.

Notre Dame Science Club Dhaka, Bangladesh
Seminar Secretary *Dec 2020 – July 2021*

- Coordinated and Hosted Dhaka Annual Science Festival 2020 , Notre Dame Annual Science Festival GKC Competition and Many Science related Seminars etc.