



ABIRA BHATTACHARYA

Phone No: 7980102362

E-mail: classroomab20@gmail.com

Address: SHYAMNAGAR, North 24 (PGS), West Bengal

LinkedIn www.linkedin.com/in/abira-bhattacharya-8261a4206

Research-oriented and highly motivated M. Tech Computer Science Engineering student with strong foundations in Artificial Intelligence, Machine Learning, Quantum Machine Learning, IoT Security, and Networking. Experienced in academic research including drug discovery using QML and intelligent recommendation systems. Passionate about building secure, data-driven, and intelligent systems.

PERSONAL DETAILS

Gender: Female

Religion: Hindu

Marital Status: Unmarried

EDUCATION DETAILS

M. Tech in Computer Science and Engineering

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY (MAKAUT)-West Bengal
CGPA: 8.39

B. Tech in Computer Science and Engineering

DURGAPUR INSTITUTE OF ADVANCED TECHNOLOGY & MANAGEMENT(MAKAUT)-West Bengal
CGPA: 8.96

Higher Secondary (Class 12): PURE SCIENCE

SHYAMNAGAR BALIKA VIDYALAYA, SHYAMNAGAR, North 24 PGS, West Bengal
GPA: 60.80%

Secondary (Class 10)

SHYAMNAGAR BALIKA VIDYALAYA, West Bengal
GPA: 73.80%

TECHNICAL SKILLS

- Machine Learning
- Quantum Machine Learning
- IoT Security Networking
- Artificial Intelligence
- Computer network

SOFTWARE PROFICIENCY

- MS Word
- MS Excel
- MATLAB

CERTIFICATIONS

- Soft Skills & Professional Ethics-NPTEL (2020)
- Quantum Computing: From Qubit to Quantum Machine Learning (CDAC-2025)
- QISKIT-FALL FEST participation certificate (2025)
- 6 days ATAL-FDP Programs on “Revolutionizing healthcare, The role of AI in Drug Development, Clinical trials and practice” (2025)
- 6 days ATAL-FDP Programs on “Quantum Computing: Foundations, Algorithms, and Industry Applications for Next-Generation Technologies (QCFAIANGT)” (2025)
- Certificate of commitment by Cyber Security Centre of Excellence, Department of I.T and Electronics by Government of West Bengal (2022)
- ISEA Bootcamp on IoT Security (2026)

EXPERIENCE

- Internship at REDYNOX (Cybersecurity). Passionate about learning and committed to continual improvement.
- Currently working at DREAM INSTITUTE OF TECHNOLOGY as an ASSISTANT PROFESSOR. (3 months)

PROJECTS

- Drug Target Prediction using Quantum Machine Learning
Integrated classical ML with QML concepts to improve prediction efficiency.
- Movie Recommendation System
Built a personalized system using ML algorithms, improving recommendation accuracy.
- Precision Agriculture using IoT
Developed IoT-based solution focusing on secure communication.

LANGUAGES

- English (Advanced)
- Hindi (Advanced)
- Bengali (Proficient)

EXTRA CURRICULAR

- Writing, Singing, Gardening