

Abdul Samad Mirza

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EDUCATION

- **National Institute of Technology, Silchar** Assam, India
B.Tech in Electronics & Communication Engineering; CGPA: 8.3 2024 – 2028

- **St. Joseph Inter College** ISC Board
HSC ; Percentage: 94% 2023

- **St. Joseph Inter College** ICSE Board
SSC ; Percentage: 94% 2021

PROJECTS

- **StoryTone — Emotion-Driven AI Music Generator** Onsite
AI Project (Ongoing) 2025
 - Built an AI system converting narrative text into emotion-aligned background music.
 - Implemented transformer-based emotion detection and audio synthesis pipeline.

- **Real-Time Wave Monitoring — EC ARQ Event** Onsite, NIT Silchar
Hardware Project Nov 2024
 - Developed a real-time wave monitoring system using ultrasonic, infrared, and DHT11 sensors.
 - Programmed Arduino-based microcontroller logic in C++ for sensor data processing.

- **SkillBarter — CSS ABACUS 2024** Onsite
Web Developer Apr 2025
 - Developed a student skill-sharing platform enabling profile browsing and session booking.
 - Built responsive frontend and backend services using Node.js and MongoDB.

- **Netflix Clone** Remote
Frontend Project May 2025
 - Designed and developed a responsive Netflix homepage clone using HTML, CSS, and JavaScript.
 - Ensured cross-device compatibility through responsive UI design.

- **Samadfolio — Personal Portfolio Website** Remote
Frontend Project 2025
 - Designed and developed a personal portfolio website to showcase projects and skills.
 - Implemented a modern, responsive UI with smooth navigation.

SKILLS

- Languages: C, C++, Python, JavaScript
- Frameworks & Libraries: NumPy, Pandas, Scikit-learn, OpenCV, LangChain, React, Node.js, Flask, Streamlit
- Machine Learning: Linear & Logistic Regression, Random Forest, Decision Trees, LSTM
- Tools & Platforms: GitHub, Gemini API, Firebase, Kaggle, PostgreSQL, Linux

CERTIFICATIONS

- CSS ABACUS 2025 — Web Development Competition, Computer Science Society, NIT Silchar — Runner-up
- Data Strata — ML Hackathon by Machine Learning Club, NIT Silchar (Tecnoesis 2026) — Best Backend
- ECE ARQ Event — Electronics & Communication Society, NIT Silchar (Tecnoesis 2024) — Certificate of Participation
- Bluetooth Blitz 2024 — Robotron Module, Tecnoesis 2024 — Certificate of Participation

POSITION OF RESPONSIBILITY

- **Machine Learning Club, NIT Silchar** Onsite
Aug 2025 – Present
 - *Executive Member*
 - Co-organized campus-wide events including Neurathon'26, impacting 300+ students.
 - Managed event logistics and social media outreach.
- **Gyansagar, NIT Silchar** Onsite
2024 – Present
 - *Student Coordinator*
 - Coordinated student-led initiatives focused on education, IT literacy, and community awareness.
 - Organized outreach programs benefiting nearby villages and communities.
- **Incandescence — Annual Cultural Fest, NIT Silchar** Onsite
2024 – Present
 - *Event Management Team*
 - Assisted in planning, coordination, and on-ground management of large-scale cultural events.
- **Obiettivo — The Photography Club, NIT Silchar** Onsite
2024 – Present
 - *Member*
 - Involved in photography, visual storytelling, and documentation of campus events.