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
  Higher Secondary Certificate (Class XII) ; Percentage: 94% — 2023

- **St. Joseph Inter College** — ICSE Board
  Secondary School Certificate (Class X) ; 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 Responsibilty

- **Machine Learning Club, NIT Silchar** — Onsite
  Executive Member — *Aug 2025 – Present*
    - Co-organized campus-wide events including Neurathon'26, impacting 300+ students.
    - Managed event logistics and social media outreach.

- **Gyansagar, NIT Silchar** — Onsite
  Student Coordinator — *2024 – Present*
    - 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
  Event Management Team — *2024 – Present*
    - Assisted in planning, coordination, and on-ground management of large-scale cultural events.

- **Obiettivo — The Photography Club, NIT Silchar** — Onsite
  Member — *2024 – Present*
    - Involved in photography, visual storytelling, and documentation of campus events.