



MD. FOYSAL

STUDENT OF EEE, BRAC UNIVERSITY

CONTACT

+8801743270114

mohammadfoysal208@gmail.com

Road-1, Section-2, Mirpur-2, Dhaka

<https://www.facebook.com/mohammad.foysal.568/>

SKILLS

- Project Management
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking
- AutoCAD Electrical Designing
- Remote Sensing
- Robotics
- Programming (C, Python)
- Photography
- Public Speaking
- Esports-Coaching

LANGUAGES

- English (Fluent)
- Bangla (Fluent)



PROFILE

I am on a journey to break the clutter by focusing on my skills, ambitions and impact rather than conforming to derived narratives of society. With an adventurous spirit and proven expertise in robotics, IoT, and sustainable technologies, I turn bold ideas into transformative realities. Alongside my technical mastery, I take pride in guiding teams, inspiring peers, and driving innovation, bringing together creativity, leadership, and a future-driven vision.



WORK EXPERIENCE

BRAC University Leadership Development Forum 2025 - PRESENT

Secretary at HR

- Led recruitment, training, and performance development of members, while streamlining HR processes to enhance collaboration and organizational growth.
- Managed conflict resolution and team engagement initiatives, ensuring a positive and productive environment for members.

BRAC University Electrical & Electronic Club 2025 - PRESENT

Executive at Research and Development department

- Drive research and development initiatives within the club, focusing on innovative electronics and engineering projects.
- Collaborate with team members to design, test, and implement cutting-edge solutions.

Face The case-2.0 2024 - 2024

Campus Ambassador

- Connections and Representator from BRAC University



EDUCATION

S.S.C 2018 - 2020

Monipur Uccha Biddalaya & College

Department: Science

GPA: 4.89 / 5.0

H.S.C 2020-2022

Monipur Uccha Biddalaya & College

Department: Science

GPA: 5.0/ 5.0

INTEREST

- IoT & Embedded Systems
- Robotics & Automation
- Leadership & Mentorship
- Renewable & Sustainable Technology
- Renewable energy & sustainability
- Community-focused innovation & disaster resilience
- Statistics & problem-solving
- SDG Based projects

PERSONAL PROJETS

- **Coastline Defenders**
Coastline Defenders is a real-time riverbank erosion monitoring and early-warning system for the Jamuna River basin, combining satellite imagery, hydrological models, and machine learning. It aims to protect agriculture, livelihoods, and infrastructure through timely interventions.
- **Nirjhor Bindu**
This project presents a solar-powered floating nanobubble generator that purifies polluted river and pond water in rural areas. By creating ultra-fine bubbles (<200 nm), it oxygenates water, generates reactive oxygen species, and destroys harmful microbes while reducing heavy metals. Tested in Dhaka's Hatirjheel, it achieved up to 71.7% microbial reduction, offering a low-cost, chemical-free, and eco-friendly water treatment solution for underserved communities.

B.Sc

BRAC University
Department: Electrical and Electronics Engineerign
CGPA: 3.32/ 4.0

2023-PRESENT



ACHIEVEMENT

Completed Voice-Controlled Robots: Bridging the Gap Between Fundamentals and Industrial Integration	2023-2023
AutoCAD Electrical Drawing from Gobeshona Academy	2024-2025
Best campus Ambassador at Face the case 4.0	2024-2024
Semi Finalist at ClearSKY Hackathon- India	2025-2025
Bronze medal completed from DUKE of Edinburgh (Dofe)	2024-2025
Finalist at Disaster Hackathon 2.0	2024-2025
Semi Finalist of BRAINSTORM by KUBC	2024-2025
2nd in mini-soccer at National Robotics Competition - BUBT	2025-2025
Finalist in Project Showcasing at Inventious 4.1 - MIST	2025-2025
Semi-Finalist at HULT PRIZE-2025 at BRAC University	2025-2025