



CONTACT

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EDUCATION

Dhanmondi Govt. Boys' High School, Dhanmondi, Dhaka—SSC.
August 2011- February 2020.
GPA-4.94, Department- Science

Mohammadpur Govt. College, Mohammadpur, Dhaka—HSC.
July 2020- December 2022
GPA-4.83, Department- Science

BRAC University, Merul Badda, Dhaka—
Bachelors in Science.
May 2023- Present
Department- CSE

MD. RAWNAK AHASAN

PROFILE

Computer Science and Engineering student at BRAC University with a passion for AI, Cybersecurity, and Robotics. Skilled in tech development and marketing, with hands-on experience in competitions and projects. Always eager to explore and innovate in the tech world.

WORK EXPERIENCE

- **Interactive Cares - Brand Representative & Marketing Affiliate.** (2025 - PRESENT)
 - Promoted online courses via digital marketing, leading to high conversion rates and revenue growth.
 - Managed campaigns, optimized sales strategies and expanded brand engagement.
- **Robotics Club of BRAC University (ROBU) - General member, Finance and Marketing Department.** (2025 - PRESENT)
 - Engaged in hands-on robotics projects and workshops.
 - Contributed to the design and development of innovative robotic solutions.
- **BRAC University Computer Club - Executive, Finance Department.** (2024 - Present)
 - Participated in competitive events, projects.
 - Assisting in organizing activities and fostering collaboration within the club.
- **IEEE BRAC University Student Branch - General Member, Computer Society.** (2024 - PRESENT)
 - Participated in tech seminars, workshops, and collaborative projects.
 - Enhancing knowledge in computer science and contributing to society-driven initiatives.
- **Mohammadpur Government College Science Club - General Secretary.** (2022)
 - Founding panel member.
 - Roadmap created for science enthusiasts from our college.
- **Quests of Latent Talent - Senior Co-ordinator, Academics Department.** (2021 - 2022)
 - Volunteered for event, marketing and content writing.
 - Managed sponsorship for event and expanded people engagement.
- **Outlive - Co-ordinator, Administrative Department.** (2021 - 2022)
 - Managed schedules, documentation, and internal communications.
 - Supported cross-team coordination and streamlined daily operations.

PROJECTS

1. Algae Bio-Reactor for Industrial Pollution Control

-Technical Lead

- Proposed and designed a *Chlorella vulgaris* based algae bioreactor system to sequester CO₂ and industrial pollutants while releasing oxygen, aimed at improving air quality in Dhaka’s industrial zones including BRAC University campus.
- Planned prototype development, performance assessment, and scalable deployment for urban air quality improvement.
- Covered comprehensive sections including background, methodology, research outcomes, and potential Eco-friendly byproducts.
- Selected and presented at a national-level poster competition (IPE Carnivesta), showcasing sustainable solutions for urban environmental challenges.

ACHIEVEMENTS

- Certificate of Appreciation - **Administration Department, Outlive, 2021.**
- Certificate of Achievement - **Campus Ambassador, Dhaka City College Language Club, 2021.**
- Certificate of Coordinator - **Academics Department, Quests of Latent Talent, 2021.**
- 2nd Runner-Up - **IPE Carnivesta, AUST IPE Society, 2025.**
- Certificate of Participation - **Battle of insights, Data Solution-360, 2024.**
- Certificate of Participation (LFR) - **National Robotics Championship, BUBT, 2025.**
- Certificate of Participation (LFR, Prompt Engineering, Project Showcasing) - **Traction-অভ্যুদয়, BRAC University, 2025.**

SKILLS

1. Programming & Development:

- Python, HTML, CSS, JavaScript
- Beginner in MERN Stack (React, Node.js)

2. Tools & Platforms:

- Arduino, VS Code.
- Canva, Google Workspace

3. Robotics & Hardware:

- Line-following robot development
- Sensor integration, basic circuit design, Arduino-based automation

4. Soft Skills:

- Public Speaking, Creative Thinking, Team Collaboration
- Marketing & Brand Representation
- Project Presentation & Technical Communication

LANGUAGES

- Bangla(Native)
- English(Fluent)
- Urdu

HOBBY

- Reading fiction, non-fiction.
- Playing outdoor sports
- Poetry writing