



## CONTACT

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in [Md. Rawnak Ahasan](#)

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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

## LANGUAGES

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

## HOBBY

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

# 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

- **Urbor AgroFintech** - Communications officer intern. (2025 - Present)
  - Notes employee engagement.
  - Checks crisis composure and synthesizes complexity.
- **BRAC University Computer Club** - Senior Executive, Finance Department. (2024 - Present)
  - Participated in competitive events, projects.
  - Assisting in organizing activities and fostering collaboration within the club.
- **Interactive Cares** - Brand Representative and Event Ambassador. (2025)
  - 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 & Marketing Department. (2024 - Present)
  - Engaged in hands-on robotics projects and workshops.
  - Contributed to the design and development of innovative robotic solutions.
- **IEEE BRAC University Student Branch** - General Member, Computer Society. (2025 - Present))
  - Participated in tech seminars, workshops, and collaborative projects.
  - Enhancing knowledge in computer science and contributing to society-driven initiatives.
- **BRAC University History Club** - General Member. (2025 - Present)
  - Engaged in historical discussions, events, and research activities.
  - Promoted historical awareness.

# PROJECTS

## 1. Algae Bio-Reactor for Industrial Pollution Control -Technical Lead

- Designed a Chlorella vulgaris–based algae bioreactor to sequester CO<sub>2</sub> and industrial pollutants, improving air quality in Dhaka’s industrial zones and BRAC University.

## 2. Machine Learning Customer Segmentation & Spending Behavior Prediction - Contributor

- Developed an end-to-end ML pipeline using KNN, Decision Tree, MLP, and KMeans for classifying and clustering customer spending patterns through data preprocessing, feature engineering, model evaluation, and visualization.

## 3. Real-Time Crime Reporting & Visualization Website - Technical Lead

- Built a real-time crime visualization system enabling GPS-based incident reporting and admin moderation to enhance public safety awareness in Bangladesh

# ACHIEVEMENTS & CERTIFICATIONS

- Certificate of Appreciation - **Administration Department, Outlive, 2021.**
- Certificate of Coordinator - **Academics Department, Quests of Latent Talent, 2021.**
- Certificate of Participation - **Battle of insights, Data Solution-360, 2024.**
- 2nd Runner-Up - **IPE Carnivesta, AUST IPE Society, 2025.**
- Certificate of Participation (LFR) - **National Robotics Championship, BUBT, 2025.**
- Certificate of Participation (LFR, Prompt Engineering, Project Showcasing) - **Traction-অভ্যুদয়, BRAC University, 2025.**
- Certificate of Appreciation - **Brand Representative Program 5.0, Interactive Cares, 2025.**
- Certificate of Appreciation - **Event Ambassador Program, Idea Innovation 5.0, Interactive Cares, 2025.**
- Silver Medalist - **University & Life Science Catagory, ISIF Bangladesh Round, 2025.**
- Certificate of Completion - **Introduction to Data Analytics, Bohubrihi, 2024.**
- Certificate of Completion - **Introduction to Python Programming, Bohubrihi, 2024.**
- Certificate of Completion - **Pathway to Software Engineering, Bohubrihi, 2024.**
- Semi-Finalist - **Undergrad Startup Challenge 2025, BRAC University Entrepreneurship Development Forum (BUEDF).**

# SKILLS

## 1. Programming & Development:

- Python, C, JavaScript, MySQL, PHP.
- Beginner in MERN Stack (React, Node.js)

## 2. Robotics & Hardware:

- ROS2
- Sensor integration, basic circuit design, Arduino-based automation

## 3. Soft Skills:

- Marketing & Brand Representation
- Project Presentation

# VOLUNTEERING

- **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.