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 -** Head of Human Resources and Communications. **(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.

CONTACT

- ✉ rawnakahasan1306@gmail.com
- 🔗 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

PROJECTS

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

- Designed a Chlorella vulgaris–based algae bioreactor to sequester CO_2 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, 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.