Waliur Rahaman

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Sector-10, Road-24, Uttara, Dhaka-1230

PROFILE

Enthusiastic learner with a background in Computer Science and a growing specialization in Educational Technology. Passionate about designing interactive, tech-integrated learning environments through programming and curriculum innovation. Skilled in developing digital content, coding educational tools, and integrating platforms such as LMS and mobile applications to support personalized learning. Interested in bridging the gap between technology and pedagogy by building engaging, accessible, and learner-friendly solutions that improve both teaching and student outcomes.

EDUCATION

University of Frontier Technology, Bangladesh	CGPA 3.80 / 4.00 (5th Semester - Dept. 1st)
B.Sc. (Engg.) Educational Technology and Engineering	*July 2023 -July 2027*
Milestone College	GPA 5.00 / 5.00
Higher Secondary Certificate (HSC)	*2020–2021*

SKILLS

Technical: Python, Java, Dart, Flutter, LaTeX, Web Scraping (Python), QGIS, Additional Mapping
Content: Microsoft Word, Excel, PowerPoint, Adobe Illustrator, Adobe InDesign
Research: Data Analysis, Power BI, Qualitative/Quantitative Methods, Field Survey
EdTech: Curriculum Design, Edutainment Content, User-Centered Design
Soft Skills: Team Leadership, Stakeholder Coordination, Cultural Sensitivity, Attention to Detail

EXPERIENCE

Research Assistant — August 2025 – Continuing
ICT Division — *Ministry of Posts, Telecommunications and Information Technology*

- Designed surveys for ICT in Education initiatives , analyzed data using advanced tools (e.g.,Map Design, web scraping, Data Analysis Toll,Power BI,Microsoft Excel etc)
- Collaborated with cross-functional teams to ensure project execution aligned with national educational goals
- Provided actionable insights for policy development

Publication Secretary — Ongoing
Tachyon

- Headed the Content Writing Team, mentoring writers, boosting team creativity, and ensuring high-quality publication standards across events and articles.

Executive Member — Ongoing
BASIS Students' Forum, UFTB

- Drove student innovation through technology, fostered collaborative digital growth, and engaged peers with Bangladesh's leading ICT industry platform.

Volunteer – FutureNation Program — 2025 – Present
United Nations Development Programme (UNDP), Bangladesh

- Supported youth-led development efforts under UNDP's FutureNation program, focusing on digital inclusion and community upliftment.
- Promoted education, innovation, and employability skills among underrepresented groups.

Advisor — Ongoing
Saugat Magazine, UFTB

- Provided strategic and editorial guidance for the first newspaper-style science and technology magazine at UFTB. Promoted student journalism and inspired creative expression.

Tech Support & Content Writing Intern — May 2024 – June 2024
GAO Tek Inc. (USA)

- Worked in a remote technical support and writing role. Authored knowledge base articles and troubleshooting guides.
- Overcame health challenges during the final month while gaining skills in remote collaboration and professional communication.

PROJECTS

University Management System

Technologies: Java, JDBC, Database, GUI, Multithreading

Pharmacy Management System

Technologies: Java, JDBC, Inventory Management, GUI, Report Generation

CERTIFICATES & ACHIEVEMENTS

A. Competitions, Awards & Recognitions

- **Innovation Showcasing Competition – Champion (2025)** – Secured 1st Place at University of Frontier Technology, Bangladesh for a standout tech-enabled educational innovation.
- **Hult Prize 2024–25** – On Campus Champion, University of Frontier Technology, Bangladesh. Ranked Top 10 nationally among 48 teams across Bangladesh.
- **Hult Prize 2023–24** – 1st Runner-Up, On Campus Round (UFTB).
- **Spark Tank 24 – National Competition** – Certificate of Appreciation for outstanding case challenge and campus ambassador role.
- **Integration Bee 2024 (Senior Category)** – Certificate of Participation, organized by Tachyon.
- **Science Olympiad 2019** – Participated in Physics, Chemistry, and Biology segments, Milestone College.
- **Wide Vision Foundation Scholarship Exam 2019** – Secured 20th Place, Wide Vision School and College.

B. Academic & Professional Courses

- IBM – *SQL: A Practical Introduction for Querying Databases* (IBM Skills Build).
- University of London – *Understanding Research Methods* (Coursera Verified, 100% score).
- University of Colorado Boulder – *AI for Course Design* and *Designing Effective Science Communication* (97%).
- National IT – *Microsoft Office Application Course* – Certificate of Completion.
- Wadhwani Foundation – *21st Century Employability Program* (90% score, endorsed by Vice Chancellor).

C. Appreciation, Participation & Science Outreach

- Ignite Global Foundation – Certificate of Appreciation for the Green Dhaka Initiative.
- NASA – *International Observe the Moon Night 2024* – Certificate of Participation (Sept 14, 2024).
- NASA – *Scientist for a Day Program* – Certificate for contribution on Uranus' moons.
- Quasi-Moon Naming Contest – Certificate for proposing name "TAU Short" for quasi-moon a164207 (Radiolab & IAU).

WORKSHOPS

Graduate School and Career Seminar
Dr. Muntasir Masum (Albany, USA)

Career Path in EdTE Seminar
Sheikh Mohammad Ali, Ministry of Education

REFERENCES

Farhana Islam

Chairman & Assistant Professor — Department of Educational Technology and Engineering — UFTB

I hereby state that all the information noted above is accurate to the best of my beliefs.

Waliur Rahaman