Montasir Mogumder Shariar

Narayanganj, Bangladesh

montasirshariar123@gmail.com | +880-1843441169 | LinkedIn | GitHub | Portfolio

PROFILE

I am an enthusiastic and self-motivated undergraduate student in Computer Science & Engineering at BRAC University, currently in my 11th semester with a CGPA of **3.78**. I am extremely passionate, punctual, and dedicated to completing work before deadlines. My strong academic record, combined with hands-on experience in software development projects, has given me both technical depth and problem-solving skills.

I aim to pursue advanced studies abroad while also preparing for challenging roles in the software and IT sector. I enjoy working on real-world projects, learning new technologies, and collaborating with diverse teams.

EDUCATION

BRAC University — Dhaka, Bangladesh
B.Sc. in Computer Science & Engineering; CGPA: 3.78 — *2021 – Present*
Recipient of Merit-Based Scholarship for consistent academic excellence.

Dr. Mahbubur Rahman Mollah College — Dhaka, Bangladesh
Higher Secondary Certificate (HSC); GPA: 4.92 — *2019 – 2021*

Narayanganj High School & College — Narayanganj, Bangladesh
Secondary School Certificate (SSC); GPA: 5.00 — *2017 – 2019*

PROJECTS

- **Portfolio Website** — *Feb 2025 – Mar 2025*
  https://montasir-mogumder-shariar.vercel.app/

  - Developed a responsive personal website highlighting education, skills, and projects with smooth navigation.
  - Implemented interactive sections for Projects, Education, and Contact with form validation.
  - Optimized for accessibility and mobile-first performance; deployed on a custom domain.
  - Integrated Google Analytics to track visitor engagement and improve UX.

- **WheelWise – Interactive Spin Wheel Platform** — *2025*
  https://wheel-wise-roan.vercel.app/

  - Designed and developed an interactive web-based spin wheel application for decision-making and games.
  - Implemented multiple spin modes including classic spin, elimination mode, and weighted probability spins.
  - Added real-time multiplayer room support with shared wheel editing, chat, and spectator functionality.
  - Integrated a provably fair commit–reveal algorithm to ensure transparent and verifiable spin outcomes.
  - Enabled full wheel customization with themes, colors, sounds, animations, and logos.
  - Built a responsive, mobile-first UI and deployed the application using Vercel.

- **Quizthon** — *July 2025 – Aug 2025*
  https://quizthon.vercel.app/

  - Designed and implemented a dynamic quiz application supporting multiple categories and difficulty levels.
  - Built user authentication, personalized quiz history, real-time feedback, and per-question analytics.
  - Created progress visualization (charts) and an achievement system to motivate continued learning.
  - Ensured responsive design and handled API failures with graceful retries and error messages.

- **Alriar Budget Buddy** — *May 2025 – June 2025*
  https://budget-planner-ochre.vercel.app/

  - Built an expense and income tracker with category-based reports, budget alerts, and savings goals.
  - Implemented interactive charts for income/expense visualization and CSV export for records.
  - Added dark mode and offline-first data persistence to improve accessibility and reliability.
  - Focused on user-centric design to simplify financial planning for non-technical users.

- **Bracu Loop**   *Sept 2025 – Present*
  https://bracu-loop.vercel.app/

  – Developing a platform for note-sharing, senior-to-junior guidance, lab availability, and past question archives.
  – Implemented a Q&A module for mentorship and a tagging system for quick resource discovery.
  – Designed an admin workflow for moderators to approve shared content and manage categories.
  – Aiming to improve academic collaboration and help new students find resources quickly.

SKILLS

Programming & Web Development: Python, HTML, CSS, JavaScript, React, Node.js, Typescript (basic)
Database Management: MySQL, MongoDB (basic)
Version Control: Git, GitHub
UI/UX Design: Responsive layouts, interactive modals, data visualization
Research Skills: Literature Review, Technical Writing, Hypothesis Testing, Experimental Design, Data Interpretation, Academic Publishing
General Skills: Analytical thinking, teamwork, leadership, communication, problem-solving, time management

ACHIEVEMENTS

- **Merit-Based Scholarship (BRAC University)**: Awarded for consistent academic performance throughout undergraduate studies.

- **Duke of Edinburgh's Bronze Award (2023)**: Successfully completed the award program with excellence in: physical recreation, skills development, voluntary service, and adventurous expeditions. Demonstrated resilience, teamwork, and leadership.

LANGUAGES

- **Bangla:** Native

- **English:** Professional working proficiency

- **Hindi:** Conversational

EXTRACURRICULAR & INTERESTS

- Active participation in university tech communities and peer mentoring.

- Passion for open-source projects and building impactful software tools.

- Interest in reading about emerging technologies, AI, and data-driven applications.

- Outdoor activities and sports as part of a balanced lifestyle.

REFERENCES

- **Moin Mostakim**
  Senior Lecturer, Department of Computer Science and Engineering
  BRAC University
  mostakim@bracu.ac.bd
  Relationship: Thesis supervisor, Faculty