Montasir Mogumder Shariar

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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   Narayanganj, 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://alriar.me/

  – 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.

- **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 (Ongoing)**   *Sept 2025 – Present*
  https://github.com/Shariar-hash/bracu-loop

  – 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: HTML, CSS, JavaScript, React, Laravel, Node.js (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

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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