

Mahbubur Rahman Rafi

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ABOUT ME

Love learning new things and doing things which are creative. Highly motivated by competitive programming and problem-solving. Eager to apply my problem-solving skills in a dynamic collaborative environment to drive innovation and advance my software engineering career.

EDUCATION

Mawlana Bhashani Science and Technology University (MBSTU)
B.Sc.(Engg.) in Computer Science and Engineering

February 2020 - July 2025
CGPA: 3.69 (Out of 4.0)

TECHNICAL SKILLS

- **Languages:** C, C++, Java, Python, HTML, CSS
- **Tools and Technologies:** Git, Github, SDL
- **Database:** SQL, MySQL
- **Familiar With:** Javascript, JQuery, PHP
- Possess a strong understanding of Data Structures, Algorithms, and Database Management System
- Have sound knowledge of Object-Oriented Programming, SOLID Principles, and Software Design Patterns

PROJECTS

Sudoku Game (C, SDL)

- Developed a GUI-based Sudoku game as part of a semester project.

Facial Expression-Based Music Recommender (Python, MySQL)

- Created a music suggestion system using facial expression recognition (Deepface, OpenCV).

COMPETITIVE PROGRAMMING ACHIEVEMENTS

- **ICPC 2023 Asia Dhaka Regional (Onsite)** — 84th (Team: MBSTU_ValoDekheEktaNaam)
- **ICPC 2023 Dhaka Preliminary (Online)** — 20th (Team: MBSTU_ValoDekheEktaNaam)
- **ICPC 2024 Asia Dhaka (Onsite)** — 93rd (Team: Decision_Pending)
- **NCPC 2023 (Onsite)** — 98th (Team: MBSTU_TreeLovers)
- **BUET Inter-University 2022** — 7th (Team: MBSTU_Novatos)
- **SEC Inter-University 2022** — 37th (Team: MBSTU_RETARDS)
- **MBSTU CSE Junior IDPC 2k22** — 2nd (Mohammad Mahbubur Rahman)
- **MBSTU CSE Victory Day Contest 2020** — 11th (Mahbub_Rafi)
- **CSE-MBSTU Inter Department Programming Contest 2021** — 17th (Team: Team_Ghorar_Dim)
- **Breaking Code'23** — 9th (Team: Akash_Theke_Pora_Team)

PROBLEM SOLVING SKILLS

Codeforces Max Rating: 1604
Codechef Max Rating: 1634

Handle: Mahbub_Rafi
Handle: rafi392

VOLUNTEER WORKS

Trainer, MBSTU Competitive Programming Community
Volunteer, MBSTU CSE Junior IDPC 2k22
Volunteer, Breaking Code'23 Programming Contest
Joint General Secretary, Bassist at MBMC (MBSTU Band Music Community)

INTERESTS

Gaming, Music