



Mahmuda Afrin Tuli

CSE Undergraduate

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🇬🇧 Bangladeshi 🌐 github.com/afrintulii 🌐 Mahmuda Afrin Tuli

👤 PROFILE

Dedicated and passionate final-year Computer Science and Engineering (CSE) student with a strong foundation in programming, algorithms, and software development. Eager to leverage technical skills and academic knowledge to solve real-world challenges. Enthusiastic about learning new technologies and contributing to innovative projects.

🎓 EDUCATION

01/2020 – present Khulna, Bangladesh	BSC in Computer Science and Engineering, Khulna University of Engineering & Technology(KUET) ✓ Final year CGPA - 3.82 (SCALE of 4.00)
06/2017 – 04/2019 Rajshahi, Bangladesh	Higher Secondary School Certificate New Govt. Degree College, Rajshahi ✓

📁 PROJECTS

04/2024 – 07/2024	AI-Driven-Games-Blackjack-and-Memory-Card-Matching ✓ A game using Python and Pygame, incorporating AI players to simulate real opponents. A Python-based Blackjack game enhanced with AI players that use heuristic approaches, fuzzy logic, and alpha-beta pruning for realistic decision-making.
03/2024 – 05/2024	Dynamic Image Gestures: Zoom in and out and Rotate ✓ A system is designed to detect hand gestures using a webcam, segment the hand region, and apply the corresponding image transformation (zoom or rotate) based on the detected gestures.
03/2023 – 07/2023	Personal Portfolio ✓ A Web development project built in HTML, CSS, PHP, Laravel Framework.
04/2023 – 06/2023	CardiacRecorder, A collaborative project using Git and Github A user-friendly Android app that allows individuals to easily track and monitor their blood pressure and heart rate data. The app enables users to record measurements, view a list of records, edit existing entries, and highlight unusual blood pressures
03/2023 – 06/2023	Employ Management System It is a SQL database query related project where the information of employees is managed very easily.
09/2022 – 11/2022	Hospital Management System A desktop application to manage a hospital. It is built using java.
08/2021 – 12/2021	School management project Simple file management system using only C language. Where Authority can assign course to Teachers and Students and also manipulate them Teacher can add exam's number and track them. Students can see their number.

SKILLS

- C
- Python
- PHP
- SQL Database
- C++
- HTML
- Laravel Framework
- Problem Solving
- Java
- CSS
- Android
- Git

INTERESTS

- Competitive Programming
Solved 350+ problems on
Codeforces [↗](#)
- Image Processing and
Computer Vision
- Software Development
- Machine Learning

PROFESSIONAL EXPERIENCE

Hall Committee Member, Library Committee

Actively contributed to the management and enhancement of library resources, ensuring a supportive learning environment for students.

AWARDS

2023

Deans Award

Faculty of Electrical and Electronic Engineering (EEE), KUET, Dean's Award for excellent result.

Ranked 20th at Intra KUET Programming Contest 2023

LANGUAGES

Bangla

English