Eftekar Hossen

Chawkbazar, Chattogram

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OVERVIEW

I'm an aspiring Software Engineering student who is curious about modern technology and how it can help solve real-world problems. I enjoy learning new tools and frameworks, and I try to use what I learn in practical ways.

EDUCATION

Noakhali Science and Technology University — **September 2023 – Present**
BSSE, Year-3 Term-1 - ***CGPA: 3.43 (Year-2 Term-1)*** — *Noakhali, Bangladesh*

Islamia Degree College — **Passing year: 2022**
Higher Secondary Certificate Examination - ***Group: Science - GPA: 5.00*** — *Chattogram, Bangladesh*

Mern Sun School and College — **Passing year: 2019**
Secondary School Certificate Examination - ***Group: Science - GPA: 5.00*** — *Chattogram, Bangladesh*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Network Security
- Database Management System (DBMS)
- OOPs Concept
- Web Development

PROJECTS

2D Moto Racing Game | Tools : Java, Java Swing, AWT — **December 2025**

- Designed and developed using Java Swing (JPanel, JFrame, Timer).
- Implemented single-player and real-time multiplayer modes with independent controls (Arrow keys WASD).
- Built a custom game loop using javax.swing.Timer for smooth rendering and updates.
- Github : https://github.com/eftekar1473/2D-Moto-Racing.git

AIDLINE: A Digital Medical Assistance System | Tools : SRS — **January 2026**

AIDLINE is a web-based digital medical assistance system designed as part of a team-based Software Requirements Specification (SRS) project. The system aims to connect patients and doctors through a centralized platform supporting appointment management, online consultation, patient profile handling, prescription generation, emergency service requests, medicine delivery, and location-based hospital and pharmacy search. The project focuses on security, privacy, and role-based access control while applying core software engineering practices such as requirement elicitation, analysis, system modeling, validation, and documentation.

Drive link: https://drive.google.com/file/d/1-Q-JY5X2VK8qYk-yQCnTEiTIYk3OxOz1/view?usp=drive$_link$

TECHNICAL SKILLS

- **Languages:** Python, Java, C, C++, SQL, Dart
- **Developer Tools:** VS Code, Android Studio, IntelliJ IDEA
- **Technologies/Frameworks:** Linux, Git, GitHub, Flutter

EXTRACURRICULAR ACTIVITIES

Bangladesh National Cadet Corps — **August 2024 – Present**
Cadet Corporal — *Mainamati Regiment, 6 Battalion*

- Led and supervised cadet teams during drills, parades, and training programs, ensuring discipline and coordination.
- Developed leadership, time management, and crisis-handling skills through rigorous physical and mental training.
- Actively participated in Battalion camps, Regiment Camps, parades, and organizational activities.

NSTU Mechatronics Club **July 2025 – Present**

Joint Secretary *Noakhali Science and Technology University*

- Coordinated club operations, meetings, and technical events in collaboration with executive members.

- Assisted in organizing workshops, seminars, and project-based learning sessions on robotics and automation.

- Managed internal communication and contributed to strategic planning and member engagement.

NSTU Debating Society **January 2025 – Present**

Sub Executive Member *Noakhali Science and Technology University*

- Participated in inter-university debates, enhancing public speaking and critical thinking skills.

- Contributed to debate planning, motion analysis, and training sessions for junior members.

- Strengthened argumentation, teamwork, and analytical reasoning through competitive debating.

REFERENCES

Md. Iftekhar Alam Efat	**Eusha Kadir**
Assistant Professor	Assistant Professor
Institute of Information Technology	Institute of Information Technology
Noakhali Science and Technology University	Noakhali Science and Technology University
Email: iftekhar.iit@nstu.edu.bd	Email: eusha@nstu.edu.bd