Md. Safayat Hossain

Roll No: IT-20005

B.Sc. Engineering

Information and Communication Technology

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 GitHub Profile

 LinkedIn Profile

EDUCATION

•**Mawlana Bhashani Science and Technology University**   *2023*

(B.Sc. Engineering) in Information and Communication Technology   CGPA: 3.73

•**Dhaka City College**   *2019*

Higher Secondary Certificate, Dhaka   GPA: 5

PERSONAL PROJECTS

•**Banking System Simulation**

The Banking System Simulation is a Java-based application designed to replicate the operations of a real-world bank.

– Tools & technologies used: Java, Spring Boot, MySQL
– Developed a functional Banking System Simulation using Java and Applied robust error handling and data validation

•**Embedded system design using Arduino**

ECG (Electrocardiogram) and heart monitoring system using Arduino

– Tools & technologies used: Arduino Sketch, C, C++
– After building the ECG and heart monitoring system using Arduino, I successfully created a functional prototype that accurately measures and displays real-time ECG waveforms and heart rate, demonstrating proficiency in hardware interfacing and signal processing

TECHNICAL SKILLS AND INTERESTS

Languages: Java, C, C++
Developer Tools: IntelliJ IDEA, Visual Studio Code
Frameworks: Spring Boot
Databases: MySQL
Version Control: Git, Github
Soft Skills: Critical Thinking, Problem-Solving, Time Management
Areas of Interest: Web Development, Mobile App Development, Data Science and Analytics

POSITIONS OF RESPONSIBILITY

•**Position:** "Executive member" of IEEE MBSTU Student Branch

ACHIEVEMENTS

•**Achievement:** Secured the "Third position" in the prestigious Inter University Programming Contest