

MD. KHAYRUL ISLAM SAJIB

Dhaka, Bangladesh | +8801521703128 | [Email](#) | [GitHub](#) | [LinkedIn](#)

EDUCATION

Bachelor of Science in Software Engineering (BSSE) Institute of Information Technology (IIT) University of Dhaka CGPA : 3.22/4.00 (up to 3 rd semester)	Expected Graduation - 2027
Higher Secondary Certificate (HSC) Rangpur Govt. City College, Rangpur	2021 GPA: 5.00/5.00
Secondary School Certificate (SSC) Al-Falah Institute, Rangpur	2019 GPA: 5.00/5.00

PROJECTS

SPL2- BACHELOR HOUSE RENT SYSTEM HTML, CSS, JS, PHP, Python, SQL The "Bachelor House Rent System" is a dedicated web application designed to connect landlords who are willing to rent to bachelors with prospective bachelor tenants. Feature: User management, Searching Filter, Property details, Communication, Map view, Roommates finder, AI Chatbot, Social media integration etc.	(Ongoing)
POINT of SALE DESIGN PATTERN JAVA, JAVAFX Developed a desktop App for super shop management which allows managing products, orders, view stock, and handle data applying design patterns such as Memento, Singleton, Observer, Command, Bridge, and Strategy .	Sep 2025
DHAKA CITY MAP C++ (github) <ul style="list-style-type: none">The project is a C++ program design to read geographical data from CSV files, calculate the shortest path between two points using Dijkstra's algorithm and generate a KML file to visualize the route.Overall, the program combines files I/O, graph algorithm and geographical calculations to provide a comprehensive solution for route planning visualization.	Feb 2025
SPL1- IMAGE PROCESSING C++ (github) <ul style="list-style-type: none">This project highlights image manipulation, including reading, displaying and exporting images.The functions include operations like negative, grayscale, brightening, darkening, flipping, smoothing, sharpening, Gaussian blur, Sobel edge detection, angle calculation and histogram equalization.	Jan 2025

AWARDS

3rd (Out of 500+) at Inter University IT Olympiad (Senior Category)	(CSE FEST 2024, EWU)
---	----------------------

ACTIVITIES

COMPETITIVE PROGRAMMING

Solve 200+ problems & participated 50+ contest on [CODEFORCES](#), [LEETCODE](#), [ATCODER](#).

- Have been guiding the students of the first year who are struggling with basic coding and DSA.

SKILLS

Language: C, C++, Java, Python.

Web Development: HTML, CSS, JavaScript, PHP

Database: Oracle, SQL, MySQL.

REFERENCES

Ahmedul Kabir

Associate Professor, IIT
University of Dhaka
Email: kabir@iit.du.ac.bd
Phone: +8801875-179981

Professor Dr B M Mainul Hossain

Director & Professor, IIT
University of Dhaka
Email: mainul@iit.du.ac.bd
Phone: +88019-11489984

