

Md. Mahbubur Rahman

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🐙 github.com/Mahbub022 | 🔗 linkedin.com/in/mahbubur-rahman-5b84a2337/

🏆 kaggle.com/mahbuburrahman5 | 🏆 leetcode.com/u/Mahbub045/ | 🏆 codeforces.com/profile/19_7_22

Skills

Languages: C/C++, Python, Java, JavaScript, Swift, SQL, Verilog

Technologies & Tools: Linux Shell, GitHub, MySQL, Oracle, React.js, Android Studio, Xcode, Firebase, Machine Learning, Pytorch

Education

Khulna University of Engineering & Technology, Khulna

B.Sc. in Computer Science and Engineering (4th Year)

Safiuddin Sarker Academy & College, Dhaka

H.S.C in Science

Shafipur Ideal Public School & College, Dhaka

S.S.C in Science

Jan 2020 – April 2025 (expected)

CGPA: 3.47/4.00

2017 - 2019

GPA: 5.00/5.00

2015-2017

GPA: 5.00/5.00

Project Work

- **TextScanner** ([Android Studio](#), [Java](#), [API](#), [Internal Storage](#))
Developed a pdf and doc creating application using Android Studio, with Tesseract OCR API integration for real-time character recognition to create doc from pdf and internal storage for creating pdf from images.
- **Cardiac Recorder** ([Android Studio](#), [Java](#), [Firebase](#), [GitHub Collaboration](#), [UI & Unit Test](#))
Collaborated using GitHub (for project management) on a cardiac health monitoring application using Android Studio, with Firebase integration for real-time data storage and retrieval along with UI and Unit Testing for better user experience.
- **Color The Map** ([Python](#), [PyGame](#))
Programmed a map coloring game with AI functionality, offering difficulty levels. Utilized Python and PyGame for interactivity.
- **University Admission Management System** ([SQL](#), [PL/SQL](#), [Oracle](#))
Created a database management system for university admission process using SQL and PLSQL for data handling and queries.
- **Compiler Project** ([Flex](#), [Bison](#), [C](#))
Constructed a compiler from scratch using C. The project involves lexical analysis, syntax analysis and semantic analysis.
- **University Management System** ([C](#))
Built a role management functionality for a university management system using only C language including Admin, Student, Teacher panels.

Experience

- Solved over 50 problems on multiple competitive programming platforms.
- Participated in Intra KUET Programming Contest (IKPC)