

Md. Mahmudul Hasan Rabbi

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EDUCATION

International University of Business Agriculture and Technology

Dhaka, Bangladesh

Bachelor of Science in Computer Science and Engineering CGPA: 3.93

January 2022 – December 2025

Skills

- **Programming Language:** C, C++, Java. Proficient in **object-oriented programming** and **Data Structure & Algorithm**.
- **Database Management:** SQL (MySQL)
- **Technology & Framework:** Native Android (Java), XML, HTML, CSS, Git, GitHub.
- **Tools:** Android Studio, VS Code, CP editor, Codeblocks.

Projects

eGuidance App [Java, Firebase, XML] Platform: Android | [Source Code](#)

- A mobile application that connects users with doctors for mental health support, featuring role-based access (admin, doctor, user), real-time chat with doctors, appointment booking, user profile management, doctor approval by admin, and health condition awareness resources.

GariBD App [Java, Volley, XML] Platform: Android | [Source Code](#)

- A smooth and responsive Android app for trading second-hand cars and bikes in Bangladesh, with category browsing, API-based listings, and direct seller contact, user-friendly interface.

GroceryList App [Java, XML] Platform: Android | [Source Code](#)

- A user-friendly Android application for managing daily grocery lists, featuring intuitive add, update, delete operations, and local data storage with Room database for offline access.

Snake Game [Java] Platform: Desktop | [Source Code](#)

- A **Java**-based Snake Game with core **OOP Principles**, animations, collision detection, scoring, and optimization.

Virtual Remote Guidance Counseling System [HTML, CSS, PHP, MySQL] Platform: Web | [Source Code](#)

- A secure user friendly web-based database system for user registration, login, doctor appointments, and mental health condition checkup through quizzes.

Achievements and Problem-Solving Experience

Achievements:

- **Ranked Top 15th:** IUBAT Collaborative Programming Contest - IUBAT_Fofular_Bots
- **Ranked Top 16th:** Dhaka Divisional Hackathon 2024 - Technocrats V.2: IUBAT_SHADOW_MASK
- **Ranked 22nd:** UAP Collaborative Programming Contest (Senior category) - IUBAT_Fofular_Bots
- **Ranked 131st among 224 teams:** ICPC Dhaka Regional Contest 2023 – BUBT: IUBAT_Fofular_Bots
- **Academic excellence** with **5 times SGPA 4 out of 4** and recognized as **Scholar**

Problem Solving Experience:

- [Codeforces \(MHR_\)](#): Pupil, Max Rating: 1203 Solved: 593 Problems Participation in rated Contest: 70
- [Vjudge \(rabbi0123\)](#): Solved: 139 Problems
- Total problem solved across all judge: 900/1000

Extra Curricular Activities

- **Academic Mentor**, Department Of CSE, IUBAT *August 2022 – August 2023*
- **Deputy Manager**, Programming Wing, IUBAT IT SOCIETY *August 2023 – December 2024*
- **Trainer** of C & C++ Language at IUBAT IT SOCIETY *February 2023 – February 2025*
- **Competitive Programming Trainer** Level-0, Level-1 *May 2023 – February 2025*