Md. Mahmudul Hasan Rabbi

linkedin.com/in/rabbi221 | +880 1640 863379 | 22103257@iubat.edu | github.com/mh-rabbi | mhr-rabbi.netlify.app

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

Projects

eGuidance App [Java, Firebase, XML] Platform: Android | Source Code | Live Demo
- 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 test resources.

GariBD App [Java, Volley, XML] Platform: Android | Source Code | Live Demo
- 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, SQLite, XML] Platform: Android | Source Code | Live Demo
- A user-friendly Android application for managing daily grocery lists, featuring intuitive add, update, delete operations, and local data storage with SQLite database for offline access.

ToDo App [Flutter, Dart] Platform: Android/iOS| Source Code | Live Demo
- A app for organizing daily tasks, supporting smooth task creation, editing, and deletion. It uses Hive for lightweight, high-performance local storage, ensuring fast offline access with a clean and intuitive UI.

Netgate-BD a E-Learning Platform [HTML, CSS, PHP, JavaScript, MySQL] Platform: Web | Source Code
- An E-Learning Management System with role-based authentication, course management, live classes, user profile management, secure payment (future upgrade), and administrative control for learners, instructors, and admins.

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_)](Codeforces): Pupil, Max Rating: 1203 Solved: 599 Problems Participation in rated Contest: 70
- [Vjudge (rabbi0123)](Vjudge): 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*
- **Competitive Programming Trainer** Level-0, Level-1 *February 2023 – February 2025*
- **Judge of CSE Battle of Intellects Spring-2025** *7th May, 2025*