MD. RAKIB HASAN

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Summary

Final-year CSE student at AUST specializing in competitive programming, full-stack development, and technical leadership. Won Champion titles in Learnathon 3.0, programming contests, software exhibitions, and code refactoring competitions. Experienced full-stack developer skilled in Flutter, PHP, MySQL, and Supabase. Currently serving as Vice President of AUST CSE Society and President of AUST Programming and Informatics Club, leading technical initiatives and organizing major programming events.

Education

Ahsanullah University of Science and Technology (AUST)   **January 2021 – Present**
Bachelor of Science in Computer Software Engineering
Current CGPA: 3.75 up to 7th semester

Experience

Learnathon 3.0: Fresher Training Program – Participant   **December 2024 – May 2025**
Geeky Solutions (Remote)
Participated in a 6-month comprehensive training program focused on cross-platform mobile development. Collaborated in team-based project development, culminating in winning the **Champion** title in the Cross-Platform Stack. Gained hands-on experience with Flutter, Supabase, and modern mobile app architecture patterns.

Skills:

Programming Languages

- C/C++
- Java
- Python
- PHP
- Dart
- C #

Technologies & Frameworks

- Git/GitHub
- MySQL
- Flutter
- ASP.NET
- HTML/CSS
- LaTeX
- JavaFX
- Firebase
- Supabase
- SonarCloud
- GitHub Actions
- Machine Learning
- IoT Integration
- Blockchain

Projects

SOHOJOGI   **May 2025**

A one-stop service provider platform for daily household tasks that connects users with skilled professionals like plumbers, electricians, mechanics, and appliance repair experts.

- **Key Features:** Location-based service matching, user-friendly booking system, real-time updates & notifications, clean UI/UX, service provider management dashboard
- **Tech Stack:** Flutter, Supabase, MVVM Architecture, Provider (State Management), Supabase Auth
- **Demo Video:** https://youtu.be/Lwbt7yas1KI
- **GitHub:** https://github.com/Learnathon-By-Geeky-Solutions/team-synergy

AUST CODE REALM   **September 2024**

An Online Judge web application featuring problem sets, contest hosting, an integrated learning platform, and community engagement. The platform also includes a responsive IDE for coding and a user rating system to track competitive progress and skill development.

- **Tools: PHP , HTML, CSS, JavaScript, MySQL** and **Judge0 API** (3rd party API).
- **GitHub:** https://github.com/AfnanRakib/AUST-CODE-REALM
- **Live demo:** http://acr.rf.gd/

📍 **HOMEHUTBD** June 2025

An intelligent property listing and pricing platform integrating a machine learning API for real-time property price prediction.

○ **Key Features:** Property listing system, AI-based price prediction, user authentication, property ownership management
○ **Tools: ASP.NET MVC, SQL Server, Python, Flask, scikit-learn, HTML/CSS**
○ **GitHub:** `https://github.com/AfnanRakib/HomeHutBD`

📍 **Other Projects**
- [BHROMON](#) (Flutter, Dart, Google Maps API, OpenAI API) ▪ [IRREVOCABLE ETERNITY](#) (C++, OpenGL)
- [CODE REALM](#) (Java, JavaFX)

Awards and Achievements

🏆 **Featured Achievement**

○ **Learnathon 3.0** *May 2025*
Won **Champion** title in the Cross-Platform Stack.

🎗 **Programming Contests**

○ **ICPC Dhaka Regional Site 2025** *December 2025*
Competed in the prestigious ICPC regional contest with team "AUST_DEADCODER".
○ **BUBT Inter University Collaborative Programming Contest 2025** *November 2025*
Participated with team "AUST_DEADCODER".
○ **AUST Inter-University Programming Contest 2025** *February 2025*
Participated with team "0xDEADCODER".
○ **Intra AUST Programming Contest segment of AUST CSE Carnival 4.0** *July 2024*
Achieved **Champion** position.
○ **UAP Inter University Programming Contest 1.0 (Junior segment)** *January 2024*
Achieved **1st Runners-Up** position.
○ **Intra AUST Programming Contest segment of AUST CSE Carnival 3.0** *January 2024*
Achieved **1st Runners-Up** position.

🎗 **Software Exhibition & Code Refactoring**

○ **Research Odyssey: Inter-University Research Exhibitions** *March 2025*
Achieved **1st Runners-Up** position in Software Exhibition segment.
○ **Software Exhibition segment of AUST CSE Carnival 5.0** *February 2025*
Achieved **Champion** position.
○ **Code Refactoring segment of AUST CSE Carnival 4.0** *July 2024*
Achieved **Champion** position.

🎗 **Academic Excellence**

○ **AUST Academic Scholarship** *December 2023*
Awarded for ranking among the top 5% of students based on academic performance in Spring 2023.

Leadership & Extracurricular Activities

○ **Vice President** – AUST CSE Society *Present*
Lead departmental initiatives alongside faculty. Serve as a core organizer of major events including CSE Carnival, Sports Tournament, and Cultural Fest, and manage sponsorship partnerships with industry collaborators.
○ **President** – AUST Programming and Informatics Club *Present*
Oversee AUST's primary programming community by leading workshops, training programs, and inter-university activities. Mentor members in competitive programming and software development while managing executive teams.
○ **Representative & ACM Coordinator** – AUST CP Community *Present*
Lead AUST's participation in major contests including ICPC and IUPC. Drive team formation, training sessions, and competitive preparation in ACM labs.