MD ABID HASAN

IUT, Board Bazar, Gazipur

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Education

Islamic University of Technology   Jul. 2022 – Present
B.Sc. in Software Engineering   *Gazipur, Bangladesh*

Govt Azizul Haque College   2021
Higher Secondary Certificate (HSC)   *Bogura, Bangladesh*

Projects

DeliveryAnbi — *Kotlin, Firebase* — GitHub   2024
- Developed an Android app for IUT students to order or deliver food around campus.
- Implemented real-time chat, voice-command order generation, secure authentication, wallet management, and efficient order placement & tracking.

FurBari – Adopt a Friend for Life — *React Native, Expo, TypeScript* — GitHub   2025
- Developed a mobile app simplifying pet adoption with user-friendly listings, detailed animal profiles, and community interactions.
- Built with scalable architecture using Expo and React Native for cross-platform mobile support.

Next_Weather — *OpenWeatherMap API, MVVM,Html,Css* — GitHub   2024
- Built a weather forecasting application following MVVM architecture, utilizing Retrofit and Coroutines.
- Features include current weather, multi-day forecasts, and unit switching (Celsius/Fahrenheit).
- Enhanced user experience with location search, persistent storage, and a clean, responsive UI.

LAN Mafia – Offline Multiplayer Party Game — *React Native, Node.js, Socket.IO* — GitHub   2025
- Developed a cross-device offline multiplayer Mafia-style party game leveraging local LAN networking for seamless connectivity without internet.
- Designed one device as the game host and automated game master, handling role assignments (Killer, Healer, Police, Civilian), round progression, night actions, and vote-based eliminations.
- Implemented real-time role synchronization and secure action handling via Socket.IO, ensuring smooth and fair gameplay on smartphones connected through Wi-Fi or hotspot.
- Created custom game logic to emulate the classic Mafia experience, supporting immersive social deduction gameplay entirely on mobile devices.

Technical Skills

Languages: JavaScript, C, C++, Java, Kotlin
Frameworks & Libraries: Android SDK, Firebase, React, Node.js, Express.js
Databases: MongoDB
Developer Tools & IDEs: GitHub, VS Code, Visual Studio, Android Studio
Game Engines: Unity, Unreal Engine

Achievements & Participation

CodeRush Fest – Esports Event   2025
Event Head   *Islamic University of Technology*
- Organized and managed a successful gaming tournament as the head of the Esports event.

Group Projects and Teamwork   2022 – 2025
Project Leadership   *Islamic University of Technology*
- Led multiple team-based academic and personal projects demonstrating strong leadership and collaboration skills.

Clubs & Volunteering

Red Crescent Unit, Bogura Zilla School   **Deputy Leader**
Volunteering and Community Service   *Bogura, Bangladesh*
- Served as Deputy Leader, organizing community support activities and disaster relief efforts.