

MD. AMIR HAMJA BADAL

Software Developer & Technician

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📍 Dogortoli, Ashulia, Savar, Dhaka, Bangladesh  [LinkedIn](#)



PROFESSIONAL SUMMARY

I am passionate about developing software and solving real-world problems. I have strong skills in **C#, Python, SQL, and Git**, along with hands-on experience in real projects. Eager to start my career as an **Associate Software Engineer**, contributing to clean, efficient, and scalable software while continuously learning new technologies.

SKILLS

- **Programming Languages:** C++, C#, Python, Java (basic).
- **Database:** MySQL, SQL Server, Oracle Instant Client.
- **Frameworks/Tools:** .NET, VS code, GitHub, Android studio.
- **Core Knowledge:** Data Structures & Algorithms, System Design, API Integration.
- **Computer Literacy:** Proficient in MS Office, Technical documentation, and basic automation tools.
- **Operating System:** macOS (Intel), Windows, Linux

EDUCATIONAL QUALIFICATION

BSc Hons in Computer Science & Engineering (CGPA- 3.61)

Gono University

📅 2020 - 2024 📍 [Dhaka, Bangladesh]

Higher Secondary Certificate (GPA- 3.81)

Amin Model Town School and College

📅 2020 📍 Dhaka

Secondary School Certificate (GPA- 3.78)

Hazi Jan Mohammad High School

📅 2018 📍 Dhaka

COURSE & CERTIFICATION

- Diploma on Electrical Studies (wiring, circuits, safety) by **Alison**
- Learn C# and .NET by **Microsoft**.
- Flutter & Dart - The Complete Guide [2024 Edition] by **Udemy**.
- Microsoft Office Specialist: Excel Associate by **Microsoft**.
- Arduino and Programming in Internet of Things by **Alison**.
- Communication Masterclass by **Ten Minute School**.
- Basic of Artificial Intelligence with python.

EXPERIENCE

- **Independent Programmer-Self-Driven Projects & Practice**
📅 2021 - Present
-Built various personal projects and tools while consistently practicing competitive programming.

LANGUAGES

Bengali

Native



English

Proficient



Hindi

Proficient



PROJECTS & TOOLS

- **Task Tracker Tool (Planned, 2025)**– Internal automation tool using C#, .NET, and MySQL for tracking and reporting production tasks. (Working_on)
- **Password Generator (2025)**– A C# application that can generate random passkeys and store them in Database. [Check it](#)
- **Virtual Assistant AI (Ongoing, 2024)**– A Python-based application that can control PC. It can interact virtually & capable of emotion-aware responses. (On_hold)
- **Simple Calculator App (2023)**– Basic calculator built with Flutter. [Check it](#)
- **Weather App (2023)**– Flutter app displaying real-time weather data. [Check it](#)
- **Study & Note Sharing Website (2023)**–A PHP & MySQL web app enabling students to upload & share academic notes. [Check it](#)
- **Embedded System Project (Academic)**– Developed a functional embedded system using **logic gates** to control LED lights.

ACHIEVEMENT

- 3rd place in university-level programming contest.
- 10/10 in Google's Kotlin learning path.
- Awarded Best Project, Best Thesis and Best Presentation on academic final year project.
- Ambassador of **International Congress on Artificial Intelligence (ICAI- 2025)**.