

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).