

MD. AMIR HAMJA BADAL

Software Developer & Technician

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



PROFESSIONAL SUMMARY

Aspiring Technical Support Engineer with a solid background in programming (C, C++, C#, Python) and practical experience in troubleshooting hardware and software issues. Skilled in documenting technical problems, resolving client queries, and collaborating with teams to ensure smooth operations. Proactive, detail-oriented, and eager to provide high-quality support in a remote environment while learning new tools and technologies.

SKILLS

- Programming Languages:** C, C++, C#, Python, Java, Kotlin.
- Hardware and Electronic:** Basic wiring diagrams, circuit design, Arduino, Raspberry Pi.
- Troubleshooting & Maintenance:** Resolving software/hardware issues efficiently.
- Computer Literacy:** MS Office, technical documentation, basic automation tools.
- Support & Communication Skills:** Strong written and spoken English for professional communication, Problem-solving and analytical thinking under pressure, Team player with flexibility for shift-based work.

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](#).
- Master Embedded Systems by [Alison](#).
- Microsoft Office Specialist: Excel Associate by [Microsoft](#).
- Arduino and Programming in Internet of Things by [Alison](#).
- Communication Masterclass by [Ten Minute School](#).

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).