

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).