

SABBIR AHMED

ENTRY-LEVEL SOFTWARE ENGINEER | IT SPECIALIST

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TECHNICAL SKILLS

Programming Languages

C++, Java, C#, PHP, JavaScript, Python, MATLAB

Databases

SQL, MySQL, MS SQL Server, Oracle

Developer Tools & OS

Git, GitHub, Linux (Kali), Microsoft Office, Trello, Visual Studio (basic Qt/MFC)

Testing & Design

Selenium Automation, Figma (UI/UX)

SOFT SKILLS

- Leadership & Team Management
- Problem Solving & Analytical Thinking
- Effective Communication
- Negotiation & Collaboration

EDUCATION

B.Sc. in Computer Science & Engineering (CSE)

American International University-Bangladesh (AIUB)

2022 - 2026 (Expected)

Relevant Coursework:

Software Dev Management	Requirement Engineering	
Quality & Testing	Network Security	SQL & Databases
Web Technologies	Computer Graphics	

CERTIFICATIONS

Cisco IT Essentials

Cisco Networking Academy

PROFESSIONAL SUMMARY

Computer Science & Engineering undergraduate looking for an entry-level Software Engineer / IT role. Comfortable with software engineering practices, databases, web development and network security through coursework and hands-on projects. Also active outside the classroom, leading a voluntary engineering organization and coordinating community initiatives, which has helped build leadership and communication skills alongside the technical ones.

PROJECTS

Ticket Management System (PHP, MySQL, JavaScript, Git)

github.com/sabbir6245/ticket-management-system

- Built a ticket booking web app in PHP and MySQL with separate Admin, Organizer and User roles.
- Set up login and registration with hashed passwords and session-based role checks.
- Used prepared statements for every database query so the app isn't open to SQL injection.
- Added AJAX so admins and organizers can update user status or event details without reloading the page.
- Worked with two other developers using Git branches (main, dev, stage) and pull requests, tracking tasks on Trello.

Parking Management System (C#, .NET Framework, Windows Forms)

- Built a desktop application in C# using Windows Forms to manage vehicle entry, exit and parking slot allocation.
- Designed forms for vehicle registration, slot availability and billing calculation based on parked duration.
- Connected the application to an MS SQL Server database to store vehicle records and generate parking history.
- Used basic OOP structure with separate classes for vehicles, slots and billing logic.

ACADEMIC & TECHNICAL FOCUS

Software Engineering & Testing Methodologies

- Applied industry-standard software requirement gathering, specification writing and Agile project management principles in coursework.
- Utilized **Selenium** for automated testing and software quality assurance procedures.
- Designed structured relational database schemas using **SQL / MySQL** for web and desktop applications.
- Configured and analyzed system network security protocols and fundamentals.

LEADERSHIP & VOLUNTARY WORK

General Secretary

2025 - Present

Engineers Foundation Daulatpur (Sub-Committee)

- Lead technical and social initiatives bringing together engineering students and professionals across Bangladesh.
- Organize skill-development workshops, technical discussions and professional networking sessions to enhance young engineers' practical knowledge.
- Manage administrative operations, team coordination and strategic outreach.

Co-Convener

2024 - 2025

SEECTO Bangladesh (Dhaka Executive)

- Coordinated youth-led community transformation initiatives focused on environmental sustainability, renewable energy and youth empowerment.
- Directed event execution, stakeholder communication and volunteer team leadership in the Dhaka region.