



Mahim Hossain

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AREAS OF INTEREST

Machine Learning (ML), Artificial Intelligence (AI), Software Engineering, Full-Stack Development, Database Systems, Cloud Technologies, and Web Development, Data Analytics.

PROFESSIONAL SUMMARY

Computer Science and Engineering undergraduate at American International University-Bangladesh (AIUB), currently in the 9th semester. Skilled in C#, Java, C++, Python, SQL, web development, UI design, and computer graphics, with hands-on experience through academic and personal projects. Interested in Machine Learning, Artificial Intelligence, Software Engineering, and Full-Stack Development. Maintain an organized and proactive approach to academic tasks, assignments, and projects, regularly completing work ahead of deadlines while maintaining quality. Seeking opportunities to apply technical skills in real-world projects, gain industry experience, and continue growing as a software developer.

ACADEMIC QUALIFICATION

Bachelor of Computer Science and Engineering (BSc in CSE)	9th Semester – Running
American International University-Bangladesh (AIUB). Dhaka 1229, Bangladesh	
Credits Completed: 101/148	
Higher Secondary Certificate (HSC)	2022
Milestone College, Dhaka	
Secondary School Certificate (SSC)	2020
Shaheed Smrity High School, Tongi-Gazipur	

TECHNICAL SKILLS

Programming	C++, C#, Java, Python, MATLAB
Web	HTML, CSS, JavaScript, php
Database	SQL Server, MySQL, Oracle Database
Frameworks / Libraries	.NET, WinForms, OpenGL, GLUT
Tools & Platforms	Visual Studio, Git, GitHub, Figma, AutoCAD, Code::Blocks, Trello
IT & Networking	Computer Hardware & Software, OS Installation, Troubleshooting, Networking Fundamentals, IT Security Basics, System Diagnostics
Office	Microsoft Word, Excel, PowerPoint
Languages	English, Bangla

ACADEMIC & PRACTICAL PROJECTS

FoodHub Management System	C# .NET WinForms SQL Server OOP
- Built a desktop restaurant management application in C# WinForms covering food ordering, billing, and daily restaurant operations. - Designed a SQL Server database to manage inventory, track stock levels, and generate accurate, real-time billing records. GitHub	
Online Hospital Management System	Java OOP Database
Built a Java hospital management system handling patient appointments, billing, and administrative record-keeping.	

- Applied OOP design principles to structure user roles and permissions for staff, doctors, and administrative users.
- **GitHub**

Interactive Visualization of Bangladesh's Iconic Landmarks

C++ | OpenGL | GLUT

- Built an interactive 2D graphics application in C++/OpenGL to visualize iconic Bangladeshi landmarks.
- Implemented animated scenes and keyboard-driven interactive controls using GLUT for real-time rendering.
- **GitHub**

Online Fuel Delivery System

SRS | Figma | GitHub | Agile/Scrum

- Authored a full Software Requirements Specification (SRS) for an online fuel delivery platform, including use cases and system documentation.
- Designed UI/UX wireframes in Figma and planned the development roadmap using an Agile/Scrum workflow.
- **GitHub**

EducVer Pro – Elite Builder

HTML | CSS | JavaScript

- Built a web-based cover-page generator using HTML, CSS, and JavaScript with dynamic, user-editable input fields.
- Implemented client-side document-generation logic and deployed the tool live via GitHub Pages.
- **GitHub**

CampusFix – Campus Issue Reporting Platform

HTML | CSS | JavaScript | PHP | MySQL

- Developed a web-based campus issue reporting platform where students can report maintenance, facilities, and internet-related problems.
- Implemented user authentication, issue reporting, status tracking, and administrative management features using PHP and MySQL.
- **Live**

CERTIFICATIONS & WORKSHOPS

Introduction to Cybersecurity – Cisco Networking Academy Credential ID: 29817f07-1e2b-49e5-bb07-c583537091fe	September 2026
IT Essentials – Cisco Networking Academy Credential ID: 95dba251-a452-43b5-b343-2061326eac6c	June 2024
UI/UX Design Fundamentals	Certificate ID: C40842
AI Awareness: Opportunities, Risks, and Responsibility – NeuroFlight Lab	May 2026
Code to Cloud: Practical DevOps with AWS – Cloudly Infotech Limited & AWS Partner	May 2026

HONORS & AWARDS

Dean's List Honors – American International University-Bangladesh	GPA: 3.90 Fall 2024–2025
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