

Education

Dhaka University of Engineering & Technology

BSc, Computer Science and Engineering

2020 – 2024

Experience

Brain Station 23

Internship

Dec 1. 2023 – Dec 31. 2023

Mirpur DOHS, Dhaka

- > Specializing in:C#, .NET MVC, .NET Core, Microsoft SQL Server.
- > Hands-on experience with EF Core and Fluent API for building efficient and scalable applications.
- > Strengthening skills in business communication.

Graph-AI

Full-Stack Internship

Jan. 2018 – Dec. 2018

Farmgate, Dhaka

- > Proficient in: Spring Core, Spring Security, PostgreSQL, JavaScript (jquery).
- > Contributing to innovative initiatives, building dynamic and secure web applications.
- > Skills: Spring MVC, Maven, Agile Methodologies, Leadership.

Projects

Hall Management System



- > A Hall Management System for DUET, using PHP. Streamlined hall allocation ,room allocation, maintenance

Image Based Attendance System



- > Facial Recognition-Based Student Attendance System: Leveraging Image Analysis in Video/live Streams a django backend web application.

Library Management System



- > A starting eCommerce project. A .NET MVC(EF-Core) backend web application

BlogReader



- > A Flutter app enabling user authentication, registration, reading blogs with offline access via Supabase DB, BLoC state management, Hive for local storage, REST API integration, and adhering to SOLID principles.

Attendance Management System



- > Parent's Control Based Attendance System for high school. A Spring MVC backend Web Application

Thesis/Publications

An Automated Assistant for Visually Impaired Persons Using YOLOv8 and Large Lan-
guage Models (LLM)

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- This project focuses on developing a cutting-edge automated assistant that leverages advanced object detection (YOLOv8) and natural language processing (LLM) to enhance accessibility for visually impaired individuals.

Skills

Problem Solving 400+ and counting 🔗

Languages C++, Java, C#, JavaScript, Python, Dart

Framework Spring boot(JPA), .NET Core(MVC, Entity Framework), Django,Flutter(Bloc, Hive, GetIt)

Database MSSQL, PostgreSQL

Developer Tools git, Visual Studio Code, Rider, Postman, Azure Data Studio

Architecture Clean Architecture , Onion Architecture with Repository pattern

Other OOP(depth Knowledge), Testing and Debugging, OOD, Teamwork, Project Management, Software development methodologies (Agile.), Basic knowledge about REST API

Achievement

1. Secured 32nd rank in the National High School Programming Contest IIT DU 2018.
2. Participant ICPC (Regionals 2018-2022).
3. 2nd position in intra-DUET Programming Contest 2020.

Certifications

C++ (Advanced) Certificate

HackerRank

issued sep 20

Java (Intermediate) Certificate

HackerRank

issued sep 20