

Ayesha Afroza Mohsin

Software Engineer

An aspiring Software Engineer with experience in Software Development and Web Application development with major contributions in 4+ large scale projects. A quick learner who can work under stressful conditions and maintain deadlines. Adaptable and can solve problems efficiently.

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EDUCATION

B.Sc in SWE, CSE

GPA **3.93/4.00**

Islamic University of Technology
2021-present

Cambridge A Level

5A*, Daily Star Awardee

European Standard School • 2018-2020

Cambridge O Level

6A* 1A 1B, Daily Star Awardee

European Standard School • 2018-2020

PROJECTS

Burnout Sentinel

MERN stack • Python • [Github](#) / Jul 2023 – Dec 2023

An online Machine Learning powered website that detects student's stress scores using physiological data collected from devices. Stress and non-stress data from 28 students were personally collected for this project and used to train the Machine Learning Model.

Pharmex

PERN stack • [Github](#) / Jan 2023 – May 2023

A Business to consumer (B2C) website for the purchase and selling of a wide range of medicines and pharmacy items. Implemented advanced Relational Database concepts in PostGres along with triggers and functions to automate updates and ensure consistency.

AgriGo

MERN stack • [Github](#) / Jan 2023 – May 2023

An interactive website for bulk purchase and selling of grocery items, directly from farmers to consumers. Featuring a large set of features from both the Seller and Buyer's perspective, including but not limited to comprehensive features like rating, reviews, messaging, ordering, adding products, request product, bidding on products etc.

Lost Treasures

Java Swing • Oracle Database • [Github](#) / Aug 2022 – Dec 2022

An interactive object-finding game fully coded using Java Swing. Graphics were rendered in Blender and the Theme and storyline were adapted from our IUT University campus.

AWARDS

Code Odyssey by ItVerse

2nd Runner Up

Dhaka University (DU) · Oct 2023

CodeRush 1.0 Programming Contest

1st Runner Up

Islamic University of Technology
Mar 2023

Intra IUT girls Programming Competition

1st Runner Up

Islamic University of Technology
Sep 2022

Luna Shamsuddoha Dev Mania

1st Runner Up

May 2023

CodeRush 1.0 Software Project Showcasing

Winner

Islamic University of Technology
Mar 2023

Intra IUT Programming Contest

11th Position

Islamic University of Technology
Dec 2021

VOLUNTEERING

Competitive Programming Instructor for Freshmen

Aug 2023 – Nov 2023 · 4 months

Islamic University of Technology

Student Volunteer, Freshman Orientation

Aug 2023

Islamic University of Technology

IUTCS Stall Management, OIC day 2023

Sep 2023

Islamic University of Technology

Core Organizer, 4th Year Senior Female's Farewell Event

April 2024

Islamic University of Technology

TECHNICAL SKILLS AND EXPERIENCE

Languages

- C, C#, C++
- Java
- JavaScript
- Python
- HTML, CSS

Frameworks

- Java Swing
- MERN stack
- PERN stack
- JUnit Testing
- Django

Soft Skills

- Teamwork
- Collaboration
- Meeting Deadlines
- Fast Learner
- Adaptable

Work Experience

- Private Tutoring an A Level student · Sep 2019 – Feb 2020 · 6 months