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Bangladesh
Nazia Karim Khan Oishee
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Codeforces
LeetCode

Nazia Karim Khan Oishee

Software Engineering Aspirant

Summary

I am Nazia Karim Khan Oishee, a Software Engineering student at the Islamic University of Technology. My passion lies in software development and programming, and I am committed to expanding my expertise every day through dedicated study and practice.

Education

Islamic University of Technology (IUT) **July 2021 - Present**

Pursuing BSc. in Software Engineering
Department of Computer Science and Engineering
Gazipur,Bangladesh
CGPA: 3.81/4.00

Holy Cross College(HCC) **July 2018 - July 2020**

Higher Secondary School Certificate (HSC), Science
Dhaka,Bangladesh
GPA: 5.00/5.00

YWCA Higher Secondary Girls' School **Jan 2005 - June 2018**

Secondary School Certificate (SSC), Science
Dhaka,Bangladesh
GPA: 5.00/5.00

Relevant Undergraduate Courses

Structured Programming, Introduction to Software Engineering, Discrete Mathematics, Object Oriented Concepts, Linear Algebra, Theory of Computing, Data Structures, Database Management Systems, Probability and Statistics, Algorithms, Software Requirement and Specifications, Numerical Methods, Operating Systems, Design Patterns, Software Security, Server Programming, Machine Learning, Software Testing and Quality Assurance, Software Design and Architectures, Artificial Intelligence

Projects

AgrowCulture

AGrowCulture

A project developed for the Software Project Lab I Course.

Our goal was to develop a platform that addresses challenges within the agricultural sector, facilitating connections between individuals, funders and customers. Successfully implemented features using php, HTML and CSS.

BookShelf

BookShelf

A project developed for Database Management Systems II Lab Course

BookShelf is an online platform for a mobile library service. The primary objective of this project is to demonstrate our proficiency in managing relational databases and applying various CRUD operations on them.

DocLinkr

DocLinkr

A project developed for the Design Pattern I Course.

The project strives to enhance healthcare accessibility by simplifying the traditional appointment booking, assisting patients in effective health management, enabling virtual consultations and offering special services to address the emergency needs of patients. The project is built using Flutter for cross-platform mobile app development, Android Studio as the IDE and Firebase for backend services.

Duck Simulator

Duck Simulator

A console-based project developed for the Design Patterns Lab course

The Duck Simulator project integrates a variety of design patterns including Adapter, Decorator, Factory, Composite, and Observer. The primary objective of the project was to implement multiple design patterns effectively.

Equery

Equery

A backend-only project developed for Server Programming Lab Course

Equery is a platform for students to share concerns, questions, and insights about academic topics. Developed using Node.js, Express, and MongoDB.

GitHub-Issue-Taxonomy

GitHub-Issue-Taxonomy

A project developed for Machine Learning Lab Course

The project automates the categorization of GitHub issues into bugs, features, or questions. We have used BERT model for issue classification. To train and evaluate our model, we have used a data set sourced from Kaggle obtaining an accuracy score of 73%.

Spectrum

Spectrum

A project developed for the Software Project Lab II Course

Spectrum holds the basic properties of an e-commerce website along with an addition built-in chat system that allows the customers to communicate with the respective business owner. It is developed using MERN stack technology.

SmartAid

SmartAid

SmartAid, and AI assisted healthcare app developed for the hackathon segment of SUST CSE Carnival 2024.

This project aims to help patients dealing with chronic diseases such as chronic kidney disease. We have used Flutter as technology for our project and Android Studio as development environment.

Languages

Bangla : *Native or fluent*
English : *Fluent or professional level*

Participations and Achievements

IUT Intra 1st Year Programming Contest 2021 organized by IUTCS
- Team Apprentices, 18th among 39 teams

Replay of Ada Lovelace National Girls' Programming Contest 2021 at Toph.co
- 71 in standings

re:cruit Presents Hackathon - SUST CSE Carnival 2024
- Team IUT Dev Mavericks, 2nd Runner-up

Dohatec presents IUT ICT Fest 2024 DevOps Hackathon
- Team IUT_ALT_F4, Finalist

Code Samurai 2024

Team IUT_ALT_F4_CodeSamurai

-Team IUT_ALT_F4, Finalist

Skills

Language	*C, C++, C#, Java, Javascript, CSS, HTML, Dart Python*	**Development Environment**	*Codeblocks, IntelliJ, Android Studio, Visual Studio Code, Google Colab, XAMPP, Anaconda, Flutter,MySQL Workbench*
Frameworks and Libraries	*Node.js, React, express,Tailwind CSS, Next.js Vite*	**Issue Tracking**	*JIRA, Trello*
Ml and AI	*Pytorch, Pandas, Tensorflow*	**API Platform**	*Postman*
Database	*Oracle, MongoDB, MySql, Neo4j*	**Version Control**	*Git*
Backend Service	*Firebase*	**Operating System**	*Windows10, Linux Ubuntu*