MEHEROSE HOSSAIN TASNIA

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ABOUT ME

I am a dedicated and analytical individual with a strong interest in machine learning and software development. I am seeking to leverage my problem-solving skills, attention to detail, and technical expertise to contribute to developing high-quality software. Proficient in C, C++, Python, and Java and familiar with, Agile, and Scrum methodologies. I am eager to apply my knowledge and learn new things to ensure software reliability and user satisfaction.

TECHNICAL SKILLS AND PROJECT

Machine Learning: Python, TensorFlow, Scikit-learn
Data Analysis: Pandas, NumPy
Programming: C, C++, Java, SQL, Python
Programming Frameworks: Springboot(Java)

Borrow-Read

I built Borrow-Read, a Spring Boot-based application that facilitates a subscription-based book borrowing and reading platform for users and libraries. This project allowed me to hone my skills in Spring Boot, Java, and database management.

Spaceinvader

A classic arcade-style space shooter game developed using Pygame. Players control a spaceship defending against waves of alien invaders by avoiding contact with enemy spaceships.

University Bus Management System

The University Bus Management System is a Java Swing-based application designed to optimize bus allocation and scheduling for a university campus. By implementing a nightly booking system, the application ensures that the appropriate number of buses are available for each destination,

EDUCATION

Bachelor of Science in Software Engineering   July 2022 - June 2026
Daffodil International University, **GPA:** 3.97/4.00
Relevant Coursework: Data Structure, Algorithms Design, Object Oriented Design, Web Application, Database System, Software Architecture, Software Quality Assurance & testing, Networking, Artificial Intelligence, Machine Learning

Higher Secondary School Certificate   2021
Ideal School and College
GPA: 5.00/5.00

Secondary School Certificate   2019
Ideal School and College
GPA: 5.00/5.00

EXPERIENCE

Team Leader, ExoVerse, NASA Space Apps Bangladesh
- Played a key role in the testing and quality assurance phase of the webapp development, ensuring its reliability, usability, and overall quality.
- Led a team to 2nd runner-up position in the NASA Space Apps Challenge Bangladesh 2024.
- Created a web app named "SlingRing" that centralizes all the Nasa data on exoplanets and helps people to experiment with them.

TRAININGS AND CERTIFICATIONS

Machine Learning

Certificate Name: Introduction to Machine Learning
From: Kaggle

Certificate Name: Supervised Machine Learning: Regression and Classification
From: Stanford Online

Course Name: 5-Day Gen AI Intensive Course
From: Kaggle

Open Science

Certificate Name: NASA's Open Science 101
From: NASA

ACHIEVEMENTS

Dean's List Award Fall 2023
I achieved the Dean's List for my extraordinary academic performance in the Fall 2023 semester.

2nd Runner-up in NASA Space App Challenge 2024
I led a team of 5 to the 2nd runner-up of the Cumilla region in the NASA Space Apps Challenge Bangladesh 2024.

LANGUAGES

Bengali: Native
English: Fluent

SOFT SKILLS
- Strong communication and interpersonal skills
- Effective problem-solving and critical thinking
- Ability to work independently and collaboratively in a team

REFERENCES

Zakaria Hasan

Senior Information Security Consultant, Monstarlab.
Contact: 01777788744
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Asif Md. Akhlak

Head of Operations,
Fronture Technologies.
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