

Ahmed Raihan Alif

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Objective

Too much passionate about learning new things. Interested in discussing and implementing new things on Data Science Field and also in Software development. Throughout my education and experience, I have developed strong analytical, problem-solving, and communication skills. I always look for the opportunity working with future technologies and improving the work process. Hard-working, confident and always love to work in a friendly environment.

Technical Skills

Java	HTML, CSS	React Native	Rest API
C++	Bootstrap5	JavaFx	Git and Github
Python	Javascript	PHP	Jira
DSA	React	MySQL	Selenium

Problem Solving

I'm passionate about problem solving and love using my **DSA** expertise to do it. I have solved around **150+** problems from all of these platforms and now counting more. These are the connections to my profile on problem-solving websites :



<https://codeforces.com/profile/Raihan007>



https://www.hackerrank.com/ahmedraihanalif?hr_r=1



https://leetcode.com/Raihan_Alif/

Research Work

Judge a Sentence by Its Content to Generate Grammatical Errors by NLP

It is a paper-based project. The data sparsity issue in GEC (grammatical error correction) is one that has been widely presented as a solution. However, the methods used often generate unrealistic errors or aim to produce only one error type. We used two transformer models in this project, and by combining them, we were able to produce a variety of errors based on the sentence's merits.

Tools:

Python , Shell Script

Projects

• Scholarship Management System

This is a project for a database management system course. This website is dedicated to assisting students in finding scholarships for postsecondary education. According to their academic backgrounds, students might discover appropriate scholarships. Scholarship info and student information of all kinds are stored in the database.

Tools:

Language: **PHP** Frontend: **Javascript**

Database: **MySQL**

• Skill Tutor

This website allows users to search for experts who match their preferred learning styles. Experts have the option to set up a profile with their desired salary and skill set. All transactions are going to be in the database.

Tools:

Language: **PHP, RestAPI** Frontend: **Javascript**

Database: **MySQL**

• Cinemagic

Online ticket purchasing project involving Object Oriented Programming. It should include details like the title of the film, the showtime, the seat number, and user information. It should have instructions on how to choose seats, check for availability, and create an email of confirmation. To connect to the mail server and send the confirmation email with the ticket information to the user's email address, utilize socket programming.

Tools:

Language: **Java** , Library: **Java FX**

- **Bike Rental App**

This is a bike rental app where users may choose from a list of available bikes and send a request to the renters, who can then choose any request, and users can check if it is approved.

Tools:

Language:**React Native** , Database: **Firebase**

- **Adventure Game**

You can play a short game on the website where you can decide how an adventure story should conclude. There are numerous photo alternatives available here, and one must select one and use it with the correct answers to finish the story. Within the allocated time, you must finish each level.

Tools:

Language:**PHP** , Frontend:**Javascript**

Database: **MySQL**

Education

BSc in CSE	United International University	3.18	2023
Hsc	Dhaka City College	5.00	2020
Ssc	Ideal School and College	5.00	2018

Extra-Curricular Activities

- Former **Programming Wing Executive** at UIU Computer Club.
- Former **Senior Executive** at UIU App Forum.

Work Experience

- I have worked in a thesis project under the supervision of a professor.
- I have also worked with some software based projects during my BSc.

Participations

- Participate In the UIU Intra University Coding Competition **UIU CODERS COMBAT 3.0**
- Participate in the **bdapps National Hackathon** 2022 with education based project idea

Core Qualifications

- Strong knowledge of Software Development
- Ability to focus on and meet tight deadline
- Team Player
- Clear written and oral communicator
- Consistency

Communication Proficiency

- **English**
Professional Working Proficiency
- **Bangla**
Mother Tongue

Declaration

I do hereby declare that all the information provided above is true to the best of my knowledge and belief.