



# RASEL AHMED

🏠 Modhubag, Dhaka  
☎ +880 1726894048  
✉ [raselahmed00930@gmail.com](mailto:raselahmed00930@gmail.com)  
🌐 [rasel-ahmed-16a0b6247](https://www.linkedin.com/in/rasel-ahmed-16a0b6247)  
🐙 [Github: rasel00930](https://github.com/rasel00930)

## CARRER OBJECTIVE

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- I want a job where I can use what I know and also learn new stuff.
- I want to learn more and make software development and testing easier to understand.

## SKILLS

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### Project Management Tool

Jira

### Concept

SDLC, STLC, OOP, Machine Learning Concept, RestAPI

### Programming Language

C, C++, C#, Python, Java, Javascript

### Database

PostgreSQL, MySQL, Microsoft SQL Server, Firebase, PL/SQL

### Frameworks

TensorFlow, Keras, Django, Pycharm, Selenium, Scrum, Postman, JavaFx, React, .NET, Bootstrap,

### Tools

Git, Docker, Jupyter Notebook, Visual Studio Code, CodeBlocks, NetBeans, Arduino, Packet Tracer, Latex

### Manual Testing

Requirement Analysis, Test Planning, Creating Test Cases, Test Case Execution, Bug Reporting, Sanity and Smoke testing, Re-Testing and Regression Testing, White Box and Black Box Testing, Adhoc testing, End-To-End testing, Agile testing process

### Soft Skills

Time Management, Teamwork, Communication, Leadership, Accountability

## EDUCATION

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**Bachelor of Science in Computer Science and Engineering , CGPA 3.012/4.00** July 2019 – November 2023  
Ahsanullah University Of Science and Technology Tejgaon, Dhaka, Bangladesh

**Higher Secondary School Certificate, GPA 4.33/5.00** 2016-2018  
Govt. Keshab Chandra College Jhenaidah

**Secondary School Certificate, GPA 5.00/5.00** 2014-2016  
Shishukali Model High School Harinakundu, Jhenaidah

## PROJECT

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### **Class Management System Windows Application | JAVA, JAVA FX, MYSQL**

Class management system is an application by which a teacher can monitor his students easily. Here, a teacher can give attendance and marks to his students and at the same time, students can access those.

### **Classification of Football Teams on Relegation Battle | Distributed Database Concept**

In this project, We using the K Nearest Neighbor classification approach, teams will be classified as Relegation Survivor or Relegated based on different criteria in regards to the information from previous seasons.

### **Smart Robot Car with Robotic Arms | C, Arduino**

It is a Smart Robot car with Robotic hand which automates obstacle detection and avoidance and remove the obstacle from the path using the robotics hand Arduino MEGA as the main controlling element.

### **MovieFlix Website Application | C#, MVC architecture in .NET**

This website specializes in digital movie transactions and provides a seamless experience for users. It integrates secure and user-friendly features, making it easy for customers to browse, select, and purchase movies from a vast catalog.

### **Compose Ease Rigorous Testing of Yahoo Mail' Compose Feature | Manual and Automation Testing**

This project is a web-based and client-server application. Here this application is used for communicating and for transferring data securely. Here we take one of the features and thoroughly worked on it to find the all functions and errors. Here we test the features Compose, Login, Sent and data transfer between them by manual testing

## RESEARCH AND PUBLICATION

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### **Personality Prediction Based on Contextual Feature Embedding SBERT**

Conference: IEEE Region 10 Symposium

### **Personality and Emotion – A Comprehensive Analysis Using Contextual Text Embeddings (SBERT)**

This paper investigates the complicated relationship between these two fundamental aspects of human behavior. The goal is to automate the process of determining the relationship between MBTI (MyersBriggs Type Indicator) personality traits and Ekman emotions based on the context of user-written social media posts using contextual embedding.

### **Question Generation From Bengali comprehension**

This study takes an approach to generate factual questions from a given Bengali text with the help of pre-trained models like BERT and T5 (text-to-text) transformer.

## ACHIEVEMENTS

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### **Problem Solving Skill**

Solved over 200 problems in different renowned online judges

### **ITEE Level-2 : FE Exam | Half Passer**

April,2023(Examinee No : FE01-0228)

### **Intra AUST Programming Quiz and Software Exhibition | 2nd Runner up**

I won third place in both the Software Exhibition and the programming-related quiz competition. In the Software Exhibition, I presented a java windows application.

## REFERENCES

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**Mr. Md. Khairul Hasan**

Associate Professor,Ahsanullah University of Science and Technology

Email: khairul271276@aust.edu

**Mr. Md. Aminur Rahman**

Assistant Professor,Ahsanullah University of Science and Technology

Email: aminur.cse@aust.edu

Phone: +8801681646953