

# MD. TAQIUL ISLAM

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[Codeforces](#) | [LeetCode](#) | [GitHub](#) | [LinkdIn](#)

## ABOUT ME

Motivated individual pursuing an exciting career opportunity within the software industry at a distinguished organization. Enthusiastic about leveraging my expertise, strong work ethic, and unwavering commitment to overcome obstacles and inspire creativity in a dynamic corporate setting. Dedicated to cultivating a thriving and enduring career by embracing ongoing learning and putting in persistent effort.

## SKILLS

Programming Language:	C(Expert), C++(Expert), Python(Moderate), JAVA(Moderate), Swift(Moderate)
Web Developing:	Asp.NET
Mobile Apps:	Android(Java) , IOS(Swift)
Operation System:	Linux (Moderate), Windows (Moderate)
Others:	SQL, Git

## CO-CURRICULAR ACTIVITIES

<b>Treasurer</b>	March 2023 - present
Hardware Acceleration Club of KUET (HACK)	KUET

## EDUCATION

Bachelor of Computer Science (B.Sc.)  
CGPA- 3.24 (till 7<sup>th</sup> semester)  
Graduation- February 2024 (Expected)  
Khulna University of Engineering & Technology (KUET)  
Khulna-9203, Bangladesh

## MAJOR PROJECT(S) AND THESIS:

### **Improving Biometric Security with Partial Palm Vein Recognition (Thesis)**

Research proposes use of partial palm vein patterns in both enrollment and authentication, accurately combining them through a rule-based method.

### **FoodKart.**

**Technologies-** IOS(Swift), API, Firebase  
Incorporated a personalized login page for each customer, this Swift-based iOS project is a food delivery app that offers a diverse range of culinary options for convenient delivery.

### **FlavorFusion.**

**Technologies-** OpenGL, GLUT, GLM, C++  
Crafted a computer-generated food court project uses OpenGL to create a visually appealing and interactive virtual representation of a realistic food court experience.

### **Cardio Tracker.**

**Technologies-** Android(JAVA), Firebase  
Developed an Android app that allows users to easily record and monitor their blood pressure and heart rate, aiding in the tracking of their cardiovascular health over time.

## PUBLICATIONS

**Title:** Towards Developing a Transformer-based Bangla Typing Error Correction Model: A Deep Learning-based Approach

**DOI :** [10.1109/ICICT4SD59951.2023.10303361](https://doi.org/10.1109/ICICT4SD59951.2023.10303361)

**Conference:** 2nd ICICT4SD 2023.

**Publisher:** IEEE ( Nov 6, 2023 )