### **Tanvir Ahmed**

**Phone :** +8801521255684

**Email :** tanvirictbd@gmail.com

**Linkedin :** https://www.linkedin.com/in/tanvir-ahmed-891156171/

**Github :** <https://github.com/tanvir-tech>

Date Of Birth: 20/02/1998

Hometown: Tangail

## EDUCATION

| **Examination** | **Area of Study** | **Year** | **Institution** | **Result** |
| --- | --- | --- | --- | --- |
| **BSc** | Information and Communication Technology | In progress | Mawlana Bhashani Science & Technology University (MBSTU) | CGPA-3.53 up to 6th semester |
| **HSC** | Science | 2017 | BAF Shaheen college Dhaka | GPA 5.00 |
| **SSC** | Science | 2015 | BAF Shaheen college Paharkanchanpur, Tangail | Golden GPA 5.00 with scholarship |

## SKILLS AND ABILITIES

### PROGRAMMING

**Leetcode :** <https://leetcode.com/tanvir_ict_mbstu>

**URI :** <https://www.beecrowd.com.br/judge/en/profile/232109>

**Hackerrank :** <https://www.hackerrank.com/tanvir_mbstu15>

### TECHNOLOGIES

**Programming language :** C, Java, Javascript, php, python

**Web Technology:** HTML, CSS, Bootstrap, JS, Laravel

**IoT:** Arduino, ESP8266, ESP32, Sensors

**Database :** MySQL

**Version control :** GitHub

**Runtime Environment :** Linux, Windows

### TRAINING & WORKSHOP

#### SDLC pro Java learners community

**Technology covered:** Java basics

**Duration:** More than One year

**Institution:** Online

**Trainer:** Mamun al Babu Shikder

Software Engineer, Dynamic Solution Innovators

#### Workshop on ‘Introduction to Robotics’

**Technology covered**: Arduino

**Duration:** 2 hours

**Institution:** Mawlana Bhashani Science & Technology University (MBSTU)

**Trainer:** Ahsanul Akib

CEO, Robo Tech Valley

### PROJECT

**Web Development Project :**

***Project 1:*** *Online Library Management System*

Functionality: management of books and different user roles with mailing notifications

Technology used : LARAVEL

***Project 2:*** *Notice Board*

Functionality: set notice or share files to the target audience via admin approval

Technology used: LARAVEL

***Project 3:*** *Event Management System With Certificate Distributor*

Functionality: Certificate creation from template and send to the registered user

Technology used: LARAVEL

***Project 4:*** *Java CRUD Application*

Functionality: CRUD functionality

Technology used: JavaFX

**IoT and Automation Project :**

***Project 1:*** *Bluetooth controlled car*

Functionality: Forward-backward-left-right drive, speed controlled from android phone

Technology used : Arduino, C, C++, HC-05, Motor driver,

***Project 2:*** *NTP client wifi clock*

Functionality: Gets time and date from NTP server and show at LCD display

Technology used : ESP8266, C, C++, WiFi, LCD display, I2C

***Project 3:*** *Voice controlled home automation*

Functionality: Switch on off by voice commands

Technology used : Arduino, C, C++, Google Voice Assistant, IFTTT

***Project 4:*** *Rail-crossing accident prevention system*

Functionality: Sense and send train incoming state to crossing gate station via wireless communication and lock gate with a warning light

Technology used : Arduino, C, C++, Bluetooth, Axle sensor(Own made)

### Extracurricular activities

* Cadet at **Bangladesh National Cadet Corps**
* Volunteering activities
* Event management