

Tanvir Ahmed

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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