



# Md. Touhidul Islam

## ABOUT ME

I am an enterprising young Computer Science Engineer intending to continue my development as a Software Developer. In terms of results and objectives, I am enthusiastic, and I work with decisiveness and conviction. I have a proactive attitude and find positive ways to simulate and engage with people.

## Skills & Abilities

### JAVA

Object Oriented Programming

Data Structure

Algorithms

PostgreSQL

HTML

CSS

## EXPERIENCE

Front-end developer in a startup company

## Hobbies and Interests

All kinds of sports including cycling and swimming

Travelling and Adventure

## CONTACT

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## EDUCATION

### Bachelors on Computer Science & Engineering

BRAC University

Department : Computer Science & Engineering

Passing Year : 2019, Aug

Grade: 3.02

### Higher Secondary Certificate (HSC)

Govt. Science College, Dhaka

Group: Science

Passing Year : 2013

Board: Dhaka

Grade: 4.50

### Secondary School Certificate (SSC)

Ideal School and College, Dhaka

Group: Science

Passing Year : 2011

Board: Dhaka

Grade: 5.0

## Project Works

### Coffee Machine

What can be better than a cup of coffee during a break? A coffee that you don't have to make yourself. It's enough to press a couple of buttons on the machine and you get a cup of energy. The machine works with quite typical products: coffee, milk, sugar, and plastic cups; if it runs out of something, it shows a notification. The machine can make three types of coffee: espresso, cappuccino and latte. Since nothing's for free, it also collects the money.

Role: Personal Project

Platform: JAVA

### Budget Manager

It's very important to manage your budget. This implies analyzing your expenses and estimating the income, which sometimes may be difficult to do yourself. Luckily, technology is there to assist. It is a personal budget manager program that counts the ins and outs and helps control the finances. The features are: Count Money, Make a menu, The things we can buy (food, cloths, entertainments, other), Shows list of purchase, Memorable Purchase

Role: Personal Project

Platform: JAVA

### Automated class attendance system using IoT and image processing

It is an online attendance system that will allow students to automatically mark themselves as present in a class by using their phone's NFC, the identification card's Barcode or the QR -code that is available in their online identifier available in the BRACU app.

Role: Development of the Front End (Academic Project)

Platform: Python, RESTful API for the devices with the main server

### Earthquake indicator using Arduino

It is an Arduino based earthquake Detector using Accelerometer where accelerometer is used to detect the pre -earthquake vibration.

Role: Hardware management (Academic Project)

Platform: C++

### Wedding Management System

A project for "Programming for Internet" course.

Customer can select any available packages for wedding. Admin panel can control the whole process.

Role: Front-end Development and Database Management (Academic Project)

Platform: HTML, CSS, JavaScript, php and MySQL