Md. Touhidul Islam

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Career Objective:

I am an enterprising young Computer Science Engineer intending to continue my development as a JAVA 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.

Education:

Bachelors on Computer Science & Engineering

Institution	: BRAC University
Department	: Computer Science & Engineering
Passing Year	: 2019, Aug
Grade	: 3.00

Higher Secondary Certificate (HSC)

Institution	: Govt. Science College, Dhaka
Group	: Science
Passing Year	: 2013
Board	: Dhaka
Grade	: 4.50

Secondary School Certificate (SSC)

Institution	: Ideal School and College, Dhaka
Group	: Science
Passing Year	: 2011
Board	: Dhaka
Grade	: 5.0

Skills & Abilities:

JAVA, SQL, HTML, CSS.

Work Experiences:

- Front end Developer in a Startup Company.

Hobbies and Interests:

- All kinds of sports including cycling and swimming
- Travelling and Adventure

Project Works

1. **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

2. **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

3. **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

4. **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++

5. **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