

# Md Auntor Shak

Software Engineer



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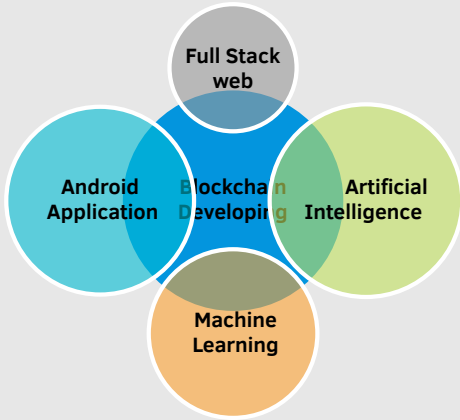
/in/md-auntor-shak/



AuntorSheikh

## Technical Skills

### Overview



### Programming

0 LOC —————> 5000 LOC

Solidity • Dart • Python

JavaScript • MySQL • PHP • Git

C • C++ • Java • HTML • CSS

## Education

**Bsc., Computer Science Engineering**  
(GPA: 3.16)

North South University

2018 - 2022 | Dhaka, Bangladesh

**HSC.Higer Secondary School Certificate** (GPA: 4.40)

Dr.Mahabubur Rahman Mollah College  
2015 - 2017 | Dhaka, Bangladesh

**SSC.Secondary School Certificate** (GPA: 5.00)

Narayanganj High School College  
2013 - 2014 | Dhaka, Bangladesh

## Project

Summer -  
2019

### Smart City

Smart City

- CSE215 (Java Programming & OOP)course
- Smart City is web-based software developed in Java programming language to store the details of a city. The main purpose of this project to help the tourists and other visitors to the city by providing information about hotels, transportation facilities, air ticket booking, shopping details, city news, etc.

Summer -  
2019

### Electricity Bill Management System

Electricity Bill Management System

- (Java Programming & OOP)course
- Electricity Bill management is web-based software developed in Java programming language to store the details of details of bill. The main purpose of this project to help the people by providing information about bills, Transaction details and online payment system etc.

Fall -  
2020

### Distance Measurement Using Ultrasonic Sensor and Arduino with i2c LCD light

Distance Measurement

- CSE331 (MICROPROCESSOR INTERFACING & EMBEDDED SYSTEM)course
- The basic principle of ultrasonic distance measurement is based on ECHO. When sound waves are transmitted in the environment then waves return back to the origin as ECHO after striking on the obstacle.

Fall -  
2020

### E-Commerce Website

E-Commerce Website

- CSE327 (Software Engineering), (Software Reliability & Testing) and CSE311 and CSE427(Advance Database Systems & Concepts) courses
- This is a proposal for the development of an e-commerce website where users can buy their daily necessary products.
- In a team of 4, built web application with HTML ,CSS ,JAVASCRIPT, JQUERY Language is used for the Front end, PHP is as a Back end and Database is MySQL and MongoDB.

Spring -  
2021

### North South University rds2 clone

NSU rds2

- CSE299 (Junior Design Project)course
- Target was to create a clone NSU student portal.

Summer 2021  
-Fall 2021

### Scholarship Matcher

Scholarship Matcher

- CSE499A and CSE499B (Senior Design Project)courses
- Scholarship Matcher is a website where a user can search for matching scholarships easily. Users need to give some information Like GPA, IELTS score, GRE score, Gender, country etc. Based on this information this website will find the best matching scholarships that the user may be looking for.
- For Front end 1. HTML 2. CSS 3. Bootstrap 4. JavaScript 5. JQuery, Back end 1. PHP 2. API and Database 1.MySQL were used.
- Demonstrated video for Scholarship Matcher

Summer -  
2021

### NSU Career Placement Center

NSUCPC

- NSU Career and Placement Center (CPC) is a comprehensive career management support platform for NSU students.
- This Mobile Application was developed with using Java.

Summer -  
2021

### Portfolio

Portfolio

- My own portfolio was developed with HTML, CSS, JavaScript.

Fall  
2021

## **BSc. CSE498R, Direct Research**

North South University

**Thesis:** Wireless sensor network for movement monitoring using Android Application

- A application in focus of read movement and position sensor data one Android device via Bluetooth to another Android device that displays the data as a time series plot and corresponding X, Y, Z value.
- This application can use wearable systems during their common, daily-life activities, thus enabling the opportunity to retrieve real-time user data continuously and without discomfort and providing new opportunities to self-assess physical activities along with the health status and well being.
- **Tools:** Android Studio, Java, 2 Android Devices, Android Version minimum Android 8.1

Spring

## **IEDE.Innovation and Entrepreneurship for Digital Economy**

Tsinghua University

2022

**Thesis:** Tokenized Farmlands for Food and Carbon Credit based on Blockchain Technology

- ANI (EARTH) is a smart contract ecosystem connecting eco-friendly investors to tokenized land bank for carbon offset projects. The project aims at integrating block chain, Cloud data, digital twin, and geospatial technology in identifying and tokenizing arable farmlands in developing countries.
- 1. Analyze the technological frameworks for a green economy 2. Develop a blockchain architecture for farmland registry 3. Develop play-to-earn economics for GameFi 4. Develop an ANI metaverse system 5. Asset tokenization, eco-projects, forests, and carbon credit
- **Tools:** web3.js, Solidity