

# Mohammed Latif Siddiq

## CONTACT

Email: [Isiddiqsunny@gmail.com](mailto:Isiddiqsunny@gmail.com)

Phone: +880 1851 718818

<https://Isiddiqsunny.azurewebsites.net/>

LinkedIn:// [Isiddiqsunny](#)

GitHub:// [Isiddiqsunny](#)

Present Address: **Staff  
Quarter, Demra, Dhaka**

## EDUCATION

### BANGLADESH UNIVERSITY OF ENGINEERING & TECHNOLOGY

Bachelor of Engineering |

Computer Science &

Engineering

2016 – 2021

CGPA: 3.46/4.00

### NOTRE DAME COLLEGE, DHAKA

HSC | Science

2013-2015

GPA: 5.00/5.00

### SHAMSUL HAQUE KHAN HIGH SCHOOL, DHAKA

SSC | Science

2011-2013

GPA: 5.00/5.00

## TECHNICAL SKILL

### Core

- Fluent in Java, C++, C, Python, Dart
- Skilled with VCS (Git)
- Handling SQL (Oracle, MySQL) and NoSQL (MongoDB) DBMS
- Linux systems and server deployment
- Windows server 2016
- AWS (EC2, S3) and Azure
- Desktop App Dev in JavaFX
- App Dev in Flutter
- Node.js and Django as backend

### Familiar with

- Assembly, MATLAB, Bash, Kotlin, JavaScript, PHP
- HTML, CSS
- Laravel, Native Android, React and JavaFX
- Firebase, Google Apps Script
- Software Defined Networking (SDN)
- Embedded Linux, QT

### Other

- PyTorch and TensorFlow
- RestAPI, JSON and XML
- WebRTC and CISCO Packet Tracer
- Weka, KNIME, Mininet and NS2
- OpenGL, LaTeX and MS Office

## PROFESSIONAL EXPERIENCE

### LEADS Corporation Limited

Software Engineer | Nov 2020

Currently working with this renowned fintech company from Bangladesh.

Highlights:

- Re-designing the architecture of the core product of the company.
- Designing the frontend with Vue.js
- Working Dot Net Core Backend.

## PERSONAL PROJECT & RESEARCH

### Bangla Image Captioning Captured by Blind People

2020 | Keras, TensorFlow, Python, AWS

By using deep learning model, we generate captions for the image captured by blind people, formally known as VizWiz dataset.

### SHASHTHO SHEBA

2020 | Flutter, Node.js, Firebase, MongoDB, AppRTC, AWS

This is a cluster-based telemedicine mobile application, built under the supervision of Dr. ABM Alim Al Islam, Professor, CSE, BUET.

### API FOR BANGLADESHI MEDICINE

2020 | Node.js, MongoDB

A subproduct of *Shashtho Sheba* providing the information of medicine such as price, generic name and company name.

### OBOGOTO

2020 | Flutter, Google Apps Script, Google Map API, ML

A mobile application for contact tracing and information provider about corona.

### VASHA SHIKKHA

2019 | Laravel, Flutter, MySQL, Node.js

A cross platform application for teaching language, built under the supervision of Dr. Anindya Iqbal, Associate Professor, CSE, BUET.

### METRO RAIL TICKETING

2018 | IoT Device, Atmega, Arduino, GMS, RFID, PHP, MySQL

This hardware project helps to purchase ticket by using RFID card, IoT and Arduino devices with backend supported by PHP and MySQL database.

### ONLINE BOOK SHARING PLATFORM

2017 | Java, JavaFX, Oracle Database

This application is built to share and selling old books.

### ONLINE BLOOD BANK

2017 | Java, JavaFX

An application is built to connect blood donor and blood needing people.

### SAPLUDU

2016 | C, OpenGL

A simulation of well-known Bangladeshi snake and ladder board game

- **C Compiler:** Using lexical analyzer and parser designing tools.
- **AI:** Simulating Mancala game by using basic algorithms in Artificial Intelligence and coordinator of AI Competition, BUET CSE FEST, 2020.
- **ML and Pattern Recognition:** Exploring different ML algorithms such as KNN, Decision tree, naïve bayes, neural network etc.
- **Others:** Implementing some functionalities of an OS on XV6, Ray tracer using OpenGL.

## COURSEWORK

Structured Programming  
Object Oriented Programming  
Data Structures and Algorithms  
Discrete Mathematics  
Database Management  
Compilers  
Information System Design  
Computer Networks  
Network Security  
Operating Systems  
Software Development  
Microcontroller & Microprocessor  
Concrete Mathematics  
Digital System Design  
Artificial Intelligence  
Bioinformatics  
Fault Tolerant System  
Machine Learning  
Pattern Recognition  
Entrepreneurship for IT Business

## CERTIFICATION

### LinkedIn Assessment

C, C++, Python, Django,  
MongoDB, MySQL, Git, HTML,  
Windows server and Machine  
Learning

### Coursera

Deep Learning Specialization

### Edx.org

Human Computer Interaction I

### CISCO Learning Platform

Cyber Security Essential

## REFERENCE

Dr. Anidya Iqbal  
Associate Professor  
Department of Computer Science  
and Engineering  
BUET  
Dhaka, Bangladesh  
anindya@cse.buet.ac.bd

## ACHIVEMENT

### IEEEEXTREME 12.0, 2018

Position: 4<sup>th</sup> Among Bangladeshi Teams

### AUB PROGRAMMING CONTEST, 2018

Position: 11<sup>th</sup>

### NORTH SOUTH PROGRAMMING CONTEST, 2018

Position: 44<sup>th</sup>

### ICPC DHAKA REGIONAL, 2018

Participate

### SUMSUNG CODING CONTEST, 2018, 2019

Finalist

### TECH FOR PEACE HACKATHON, 2017

Winner

### IUT HACKATHON, 2018

Top 10

## PUBLICATION

### 28th IEEE International Conference on Software Analysis, Evolution and Reengineering (SANER 2021)

Paper: SQLIFIX: Learning Based Approach to Fix SQL Injection  
Vulnerabilities in Source Code

### 4<sup>th</sup> International Conference on Networking, Systems and Security (NSysS 2017)

Poster: Online Blood Bank-Connecting Donors and Blood Needing People in  
Bangladesh

## COMPETITIVE PROGRAMMING

### CODEFORCES

<https://codeforces.com/profile/lsiddiqsunny>

Highest Rating: 1620

### CODECHEF

<https://www.codechef.com/users/lsiddiqsunny>

Highest Rating: 1841

### HACKERRANK

<https://www.hackerrank.com/lsiddiqsunny>

Highest Rating: 1780

## OTHERS

### CO-ORGANIZER

- AI Competition, BUET CSE Fest (2020)
- Freshmen Student Reception Program: CSE, BUET (2017)