Mohammed Latif Siddiq

CONTACT

Email: **lsiddiqsunny@gmail.com**
Phone: **+880 1851 718818**
https://**lsiddiqsunny.azure
websites.net/**
LinkedIn:// **lsiddiqsunny**
GitHub:// **lsiddiqsunny**

EDUCATION

**BANGLADESH UNIVERSITY OF
ENGINEERING & TECHNOLOGY**
B. Eng. | Computer Science
& Engineering
2016 – 2021
CGPA: 3.46/4.00
Thesis: Detection and Removing SQL
Injection by Code Refactoring with
Unsupervised Learning

NOTRE DAME COLLEGE, DHAKA
HSC | Science
2013-2015
GPA: 5.00/5.00

TECHNICAL SKILL

Core
- Adaptive to any stack
- Problem solving and analytic ability
- Fluent in Java, C++, C, Python, Dart
- Skilled with VCS (Git)
- OOP, Design patterns
- Handling SQL (Oracle, MySQL) and
  NoSQL (MongoDB) DBMS
- Linux systems and server deployment
- Windows server 2016
- AWS (EC2) and Azure
- Desktop App Dev in JavaFX
- App Dev in Flutter
- Node.js and Django as backend

Familiar with
- Data science and practical ML with
  Python
- Cybersecurity, IoT and Blockchain
  basics
- Assembly, MATLAB, Bash, Kotlin,
  JavaScript, PHP
- HTML, CSS
- Laravel, Native Android and JavaFX
- Firebase, Google Apps Script
- Software Defined Networking (SDN)
- WordPress, Jekyll

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

PROFESSIONAL EXPERIENCE

SIGMIND.AI
Software Engineer | Oct 2020
Currently working with this renowned local startup.
Highlights:
- Working with C/C++, Deep stream SDK and Linux kernel

ONLINE SOHOPATHI
Co-founder | Oct 2017 – Dec 2018
Worked as a core team member during the early period of this startup.
Highlights:
- Earned the knowledge of basics & core procedures of software development.
- Learned how to operate a startup and work under pressure.
- Managing workshop and publishing.

PERSONAL PROJECT & RESEARCH

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.

DICTIONARY ATTACK
2019 | Java, PHP, Socket, Threading
A simulation of vulnerability of using common password.

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. The information of users stores in MySQL database and accessing them by IoT device and calling APIs written in PHP.

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

REFERENCE

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

ACHIVEMENT

ICPC DHAKA REGIONAL, 2018
Participate
IEEEXTREME 12.0, 2018
Position: 4th Among Bangladeshi Teams
AUB PROGRAMMING CONTEST, 2018
Position: 11th
NORTH SOUTH PROGRAMMING CONTEST, 2018
Position: 44th
SUMSUNG CODING CONTEST, 2018, 2019
Finalist
TECH FOR PEACE HACKATHON, 2017
Winner
IUT HACKATHON, 2018
Top 10

PUBLICATION

4th International Conference on Networking, Systems and Security (NSysS 2017)
Poster: Online Blood Bank-Connecting Donors and Blood Needing People in Bangladesh

COMPETITIVE PROGRAMMING

CODEFORCES
Highest Rating: 1620
CODECHEF
Highest Rating: 1841
HACKERRANK
Highest Rating: 1780

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

OTHERS

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