



## MAHIN MUSTAFIZ SAMI

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### CAREER OBJECTIVES

I am greatly interested to build strong foundation, lead application model, work with dynamic teams, develop experiences and contribute valuable effort with the help of software engineer. During my undergraduate & graduate group project, I have worked well on Agile Methodology keeping compatible with development. I believe, success gradually arrives adjusting with valuable elements like patience, adaptation & remain active.

### EDUCATIONAL BACKGROUND

Secondary School Education (SSC, GPA-4.56, Dhaka Board)  
Adamjee Cantonment Public School



May, 2016



Dhaka, Bangladesh

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Higher Secondary Education (HSC, GPA-4.17, Dhaka Board)  
Bangladesh International School & College



July, 2018



Dhaka, Bangladesh

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Computer Science & Engineering (BSc, CGPA-3.41)  
University of Liberal Arts Bangladesh



June, 2024



Dhaka, Bangladesh

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### UNDERGRADUATE PROJECTS

1. Hospital Management System: Project was created in 11<sup>th</sup> Semester(Software Engineering Lab) Course. It's a group project where I contributed for developing the system. It was Java Servlet Programming (.jsp) Development along with Oracle Database.  
URL Link: <https://tinyurl.com/bdczpb7w>
2. Cryptography Process via AES: During our 6<sup>th</sup> Semester Java Course, performed a group project called "Enigmatic" provides text, image cryptography(Encryption & Decryption) and varieties of image body color. I contributed for text cryptography created with **SHA 256** & **AES** (Advance Encryption Standard) for strong representation of text in executing "Cipher & Original" text.  
URL Link: <https://tinyurl.com/mthr6jzr>
3. Simple Cryptocurrency Mobile App Design: The Project was created during 13<sup>th</sup> Semester(Smart Phone Application Course) which was a group work. I have done the whole design of cryptocurrency coins interface along with other components. Dart & Flutter Programming code is used.  
URL Link: <https://tinyurl.com/ka2e5rhm>

## GRADUATION PROJECT

My Graduation project was based on “Secure Blockchain & AI decision making for Chemical Supply Chain Management” which was a group project. Used technology are Blockchain (to ensure resilient, integrity & traceability) and AI (MLP ANN usage to ensure required level of risk hazards). I have contributed to whole development of the system including both technology using Java & Python.

URL Link: <https://tinyurl.com/599jxeem>

## SOFTWARE DEVELOPMENT SKILLS

Programming Skills: Java, Python, SQL(Structured Query Language)

Browser Coding Skills: HTML, CSS & Javascript

Web Development: .jsp(Java Servlet Programming), Springboot

Database: Oracle, XAMPP

IDE Platform: Codeblocks, Eclipse, Microsoft Visual Studio.

AI Tools: Bing AI Copilot, Perplexity.ai, ChatGPT

## AWARDS & ACHIEVEMENTS

- Received “Certificate of Achievement” on 1<sup>st</sup> Techlesson Competition 2020 organized by MedLesson.  
URL Link: <https://tinyurl.com/mt4997sa>
- Received “Certificate of Achievement” on Graphixy Contest organized by IEEE Computer Society ULAB SBC.  
URL Link: <https://tinyurl.com/s63a3n4u>
- Became 4<sup>th</sup> and appreciated on Engineering Research Content Writing “What is SQL?” organized by Topcoder.
- Me & My team reached “Final Round” by participating in CTO Forum Innovation Hackathon 2021.  
URL Link: <https://tinyurl.com/mvf3ph7c>
- Participated in IC4IR booth work of Bangabandhu International Conference Center for project showcase.  
URL Link: <https://tinyurl.com/284np2nh>

## COURSE/WORKSHOP PARTICIPATION

- Participated in a webinar on “Practical Application of Data Science” conducted by Abul Al Mohaimin, Senior Director of Data Engineering in USA.

## PUBLICATIONS

- Published a research paper “Secure Blockchain & AI Based Decision Making for Chemical Supply Chain Management” in International Conference (iCACCESS) & IEEE was publisher.  
URL Link: <https://ieeexplore.ieee.org/abstract/document/10499490>
- Published a book from Modern Library “Basic Way of Learning C”, an educative programming guidance for beginners.

## SOCIAL MEDIA

Linkedin Link: <https://tinyurl.com/33ddtn5r>