

MD TAMIM DARI CHOWDHURY

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◇ [Website](#) ◇ [Linkedin](#) ◇ [Github](#)

ACADEMIC CREDENTIALS

Bachelor of Science in Computer Science and Engineering *CGPA - 3.57 out of 4.00*
(Ranked **11th** in the graduating class of 60)
Mawlana Bhashani Science and Technology University (MBSTU)
2016 - 2020

RESEARCH INTEREST

Software Engineering, Forward and Reverse Engineering, Machine Learning

RESEARCH EXPERIENCE

Undergraduate Research Work

Mawlana Bhashani Science and Technology University (MBSTU)

Thesis Title: “DistB-OT: A Distributed Secure Blockchain-based Online Ticketing System using Hyperledger Fabric”

Proposed a user-friendly, secure and fraud-resistant distributed online ticketing architecture for Bus, Train, and Airway using Hyperledger Fabric then measured the capability of the proposed platform through case studies.

Supervisor: Mohd. Sultan Ahammad, Assistant Professor, Dept. of CSE, MBSTU.

PROFESSIONAL EXPERIENCES

Associate Software Engineer

December, 2022 - Present

Kite Games Studio

- Color Pop Effects Photo Editor - Worked with a deep learning based colorization model. Work includes tweaking preprocessing, postprocessing as per the requirements, and making the model ready for server deployment. Millions of users use this feature.
- Audio Editor - Completed Research Phase to build features like boosting a given audio file's volume, and did UI/UX analysis, Architecture design, Task breakdown, Time estimation, Task completion, Issue fixing, and making the app ready for deployment.
- New Profile Pic - Participated in the first development phase. Extended, redesigned, and updated the application by leading a team of 3 people.

Junior Software Engineer

November, 2021 - November, 2022

Kite Games Studio

- Slideshow Maker w Music - Fixed critical bugs of the existing project, and improved performance.
- Researched features of multiple popular applications, and reverse-engineered to build those features.

STANDARDIZED TEST SCORES

International English Language Testing System (IELTS)

11th February, 2023

| Reading | Listening | Writing | Speaking | Overall |
|---------|-----------|---------|----------|------------|
| 8.5 | 8.0 | 6.5 | 6.5 | 7.5 |

TECHNICAL SKILLS

- C/C++, Swift, Python
- iOS SDK, iOS versions, Git
- Alamofire, AFNetworking, URLSession, HTTPS, and REST APIs

PROBLEM SOLVING BACKGROUND

- Proficient problem solver using Data Structures, Algorithms, Graph Theory, Dynamic Programming, Number Theory, String processing, etc.
- Participated in more than 10 national-level onsite programming contests along with over 250 online programming contests.
- **Competitive Problem Solving:**
 - Codeforces - **solved 815+** problems (Handle: FrozenBeast028), Contest Max Rating: 1523
 - CodeChef - **solved 90+** problems (Handle: tamim028), Contest Max Rating: 1883
 - UVA - **solved 380+** problems (Handle: Tamim028)
 - LeetCode - **solved 200+** problems (Handle: tamimdarichowdhury)
 - LightOj - **solved 90+** problems (Handle: hunterorion)
 - Vjudge - **solved 160+** problems (Handle: Tamim028)

EXTRA CURRICULAR ACTIVITIES, AWARDS AND ACHIEVEMENTS

- **5th Position** out of 60 students (GPA - 3.74), 3rd year - 2nd semester, B.Sc Degree
- Achieved GPA - 3.87 on a scale of 4.00, 4th year - 2nd semester, B.Sc Degree
- **Specialist problem solver** in Codeforces competitive programming platform.
- Reached **Division 1** (4-star problem solver) in CodeChef competitive programming platform.
- **2nd runner up**, at CSE MBSTU Intra Department Programming Contest 2K18
- 34th out of 95 teams (Team Name: MBSTU_Reneasas) at 'BUP IUPC 2019'
- 37th out of 116 teams (Team Name: MBSTU_Reneasas) at 'GUB IUPC 2018'
- **Competitive Programming Trainer**, CSE Department, MBSTU from 2019 to 2022.
- BACS Regional Programming Camps 2017 (Intermediate level)
- Organizing member and Problem setter at MBSTU CSE Victory Day Programming Contest 2020
- Organizing member of MBSTU CSE Inter Department Programming Contest 2019
- Volunteered in National High School Programming Contest 2017
- Volunteered and participated in CSE MBSTU Inter Dept Programming Contest 2017 (Team name - MBSTU_TriO)

LINGUISTIC PROFICIENCY

English (Fluent Working Proficiency)
Bangla (Native Language)

REFERENCES

Dr. Mohammad Motiur Rahman
Professor, Dept. of Computer Science and Engineering
MBSTU

Baker Mohammad Anas
CTO, Kite Games Studio
Dhaka, Bangladesh