

# MD TAMIM DARI CHOWDHURY

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## ACADEMIC CREDENTIALS

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Bachelor of Science in Computer Science and Engineering  
(Ranked **11<sup>th</sup>** in the graduating class of 60)

*CGPA - 3.57 out of 4.00*

Mawlana Bhashani Science and Technology University (MBSTU)  
2016 - 2020

## RESEARCH INTEREST

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Software Engineering, Forward and Reverse Engineering, Machine Learning

## RESEARCH EXPERIENCE

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### 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 Airline 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

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### Software Engineer

*December, 2023 - Present*

Kite Games Studio

- Integrated PHPicker module to a legacy project.

### Associate Software Engineer

*December, 2022 - November, 2023*

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

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International English Language Testing System (IELTS)

11th February, 2023

Reading	Listening	Writing	Speaking	Overall
8.5	8.0	6.5	6.5	<b>7.5</b>

## TECHNICAL SKILLS

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

## PROBLEM SOLVING BACKGROUND

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- 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 300+** problems (Handle: [tamimdarichowdhury](#))
  - LightOj - **solved 90+** problems (Handle: [hunterorion](#))
  - Vjudge - **solved 160+** problems (Handle: [Tamim028](#))

## EXTRA CURRICULAR ACTIVITIES, AWARDS AND ACHIEVEMENTS

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- **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\_Reneas) at 'BUP IUPC 2019'
- 37th out of 116 teams (Team Name: MBSTU\_Reneas) at 'GUB IUPC 2018'
- **Competitive Programming Trainer**, CSE Department, MBSTU from 2019 to 2022.
- [BACS Regional Programming Camps 2017](#) (Intermediate level)
- Problem setter and Volunteer at [Breaking Code'23 : Programming Contest 2023](#) by CSE, MBSTU
- 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

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English (Fluent Working Proficiency)  
Bangla (Native Language)

## REFERENCES

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

Baker Mohammad Anas  
CTO, Kite Games Studio  
Dhaka, Bangladesh