



Mehadi Hassain

Date of birth: 25 Jan 1997 | **Nationality:** Bangladeshi | **Gender:** Male |

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● ABOUT ME

I am a Senior Software Engineer with over 2 years of experience, specializing in crafting highly scalable and secure software solutions. Recently, my interest has shifted towards the dynamic fields of Data Science, Machine Learning, and Artificial Intelligence. Motivated by this newfound passion, I am eager to pursue a Master's degree to further explore and deepen my expertise in these cutting-edge domains. With a solid background in software engineering and a commitment to innovation, I am excited about contributing meaningfully to the evolving landscape of technology.

● WORK EXPERIENCE

1 NOV 2021 – CURRENT Dhaka, Bangladesh

SENIOR SOFTWARE ENGINEER NUSRATECH PTE LTD.

- Designed and developed scalable, high-performance software solutions using latest technologies.
- Led a team of developers, providing mentorship, code reviews, and guidance on best practices for software development.
- Collaborated with product managers, UX designers, and other stakeholders to define product requirements and user stories, ensuring alignment with business goals and customer needs.
- Managed project timelines, priorities, and resources, ensuring on-time delivery of high-quality software.
- Implemented and maintained best practices for software development, including version control, automated testing, and continuous integration and deployment.

Business or Sector Information and communication | **Department** Software R&D | **Email** info@nusratech.com |

Website <https://www.nusratech.com>

● EDUCATION AND TRAINING

1 AUG 2017 – 31 OCT 2021 Dhaka, Bangladesh

BACHELOR OF COMPUTER SCIENCE & ENGINEERING City University

- Mastered fundamental computer science principles, algorithms, and data structures.
- Proficient in Java, C++, and Python programming.
- Explored database management, networking, and operating system principles.
- Developed problem-solving skills through practical projects and coursework.
- Applied numerical analysis and utilized MATLAB for computational tasks.
- Enhanced teamwork and communication skills through collaborative group projects.
- Explored ethical considerations and societal implications of technology.
- Engaged in research, contributing to the advancement of computer science knowledge.

Website <https://www.cityuniversity.edu.bd> | **Field of study** Information and Communication Technologies |

Final grade 3.35 out of 4.00

● LANGUAGE SKILLS

Mother tongue(s): **BENGLI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Soft Skills

Problem solving | Communication | Competitive programming | Team leadership | Agile methodologies | Project management

Frontend

JavaScript | React | Next.js

Backend

Rust | Go/Golang | Java | PHP

DevOps

Git | Bash | Linux | Docker | Kubernetes

Data & Database

Python | MATLAB | SQL | MySQL | MongoDB | Clickhouse | Kafka | RabbitMQ | Redis | Superset | Metabase | Grafana

● ADDITIONAL INFORMATION

PROJECTS

19 JUN 2023 – CURRENT

MediaPulse: Versatile Media Analytics Solution In the MediaPulse project, I spearheaded the development of a robust media analytics solution designed to cater to a wide array of platforms handling diverse media content. Leveraging Golang for the backend infrastructure, Kafka for efficient event streaming, and ClickHouse as the database, MediaPulse delivers comprehensive reports and insights on media content performance and quality of experience. This cutting-edge analytics tool empowers content providers with real-time data, enabling informed decisions to enhance user engagement, optimize content delivery, and elevate overall streaming quality on their platforms.

1 JAN 2022 – 30 JUN 2023

Goplay - Enterprise OTT Platform-as-a-Service Goplay stands as a flagship Over-The-Top (OTT) platform-as-a-service, catering to major businesses in Bangladesh, including the renowned DeeptoPlay. In my role as the Lead Software Engineer for Goplay, I orchestrated a comprehensive solution to elevate the OTT experience. The frontend, developed using Next.js, ensures a seamless and engaging user interface, while the backend, powered by Laravel and Go, forms a robust foundation for content delivery and management.

In addition to my responsibilities as a lead engineer, I provided essential guidance to my fellow developers, fostering a cohesive and synchronized development environment. My involvement extended to overseeing DevOps and infrastructure, where I meticulously managed the operational aspects to guarantee scalability, resilience, and uninterrupted service.

Goplay, under my leadership, has not only met but exceeded industry standards, providing a cutting-edge OTT solution for businesses in Bangladesh. This project reflects my commitment to delivering high-quality, scalable software solutions in the ever-evolving landscape of media and content delivery.

Link <https://www.deeptoplay.com>

HONOURS AND AWARDS

1 FEB 2021

2nd Runner-up of Cyber Security Contest – City University I am proud to have achieved the remarkable position of 2nd Runner-up in the prestigious Cyber Security Contest at City University. This accomplishment reflects my dedication and expertise in the field of cybersecurity. Throughout the competition, I demonstrated proficiency in identifying and mitigating security threats, showcasing my ability to navigate complex challenges in the rapidly evolving landscape of digital security.

20 JAN 2022

Selected Top 20 Candidate for Fully Funded ITEE Course – City University Honored to be recognized as one of the top 20 candidates from City University for the fully funded Information Technology Engineers Examination (ITEE) course. This prestigious selection reflects my dedication to academic excellence and positions me among a select group of individuals with a commitment to advancing their skills in information technology.

HOBBIES AND INTERESTS

Outdoor Sketching Immersing myself in the beauty of nature, I enjoy sketching landscapes and capturing the essence of the outdoors. This hobby not only gives me inspiration but also serves as a balance to the structured world of coding.

Hiking and Trekking A passionate hiker and trekker, I seek adventure in the great outdoors. Exploring new trails and conquering challenging terrains not only keeps me physically active but also reinforces my resilience and determination.

Travelling Traveling, especially with a focus on hiking and trekking, is a regular part of my life. It not only broadens my horizons by exposing me to diverse cultures but also fuels my sense of exploration and adaptability.

Cinematic Adventures A dedicated consumer of cinematic art, I delve into a diverse array of movies and TV series, including documentaries. This hobby serves as a continuous source of learning, allowing me to explore various subjects, gain insights into different cultures, and broaden my knowledge base.

RECOMMENDATIONS

Zaied Sifat Supervisor

Mehadi has worked under my supervision on a few projects. I found him dedicated to his work and he never failed to fulfill his commitments.

Email zaied@gotipath.com | **Phone** (+880) 1780132608

Md Sohel Mia Co-worker

I have had the chance to work with Mehadi for over a year. He is a friendly co-worker and has a very strong work ethic.

Email sohel@gotipath.com | **Phone** (+880) 1736548286

I hereby declare that all the information given above is true and correct to the best of my knowledge.

Mehedi

Mehadi Hassain