

Tasnimul Hasnat

Software Developer · Cybersecurity Analyst · Open Source Enthusiast
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About Me

I'm a recent graduate with a passion for technology and a strong interest in open-source development. I thrive in collaborative environments, actively seeking opportunities to learn and grow while excelling under pressure and tight deadlines. Eager to apply my skills and enthusiasm to contribute meaningfully to innovative projects aimed at the betterment of society.

Education

Islamic University of Technology

CGPA: 3.77 out of 4.00

B.Sc in Computer Science & Engineering

Jan 2020 - Present

Dhaka Residential Model College

GPA: 5.00 out of 5.00

Higher Secondary Certificate

2017 - 2019

Dhaka Residential Model College

GPA: 5.00 out of 5.00

Secondary School Certificate

2015 - 2017

Experience

Beetles Cyber Security Ltd.

Became familiarized with vulnerability assessment and malware development.

PenTest Intern

Projects

Abaash

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</> EJS, ExpressJs, MariaDB, Bulma

Abaash is a user-friendly web application designed to facilitate flat searches and rentals for IUT students, while simplifying property management for flat owners.

Broke_No_More

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</> Python, Keras, Pandas

Developed an LSTM-based deep learning model to forecast stock price movements in the Dhaka Stock Exchange, enhancing investment decision-making with accurate predictions.

Fox's Tale

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</> C++, SFML

A modern tribute to the classic Rapid Roll game, built with SFML. Players control a ball navigating through rising platforms while avoiding obstacles and collecting bonuses. With updated graphics, sound effects, power-ups, and achievements.

Outbreak

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</> C++, SFML

Developed a viral simulator to model virus spread, incorporating parameters like transmission rate, mortality rate, and incubation period. Users can adjust these parameters to analyze their impact on virus transmission dynamics.

ISC-BD

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</> Astro, TypeScript, Tailwind

Developed a comprehensive full-stack portfolio website for a non-profit NGO. Managed the entire development lifecycle, from initial conceptualization to deployment.

Skills

Programming Languages

C, C++, Java, Go, Python, JavaScript, SQL, x86 Assembly

Libraries & Frameworks

Astro, React, Tailwind, SFML, ExpressJS, Pandas, Keras

Other Tools

Git, Bash, Linux, Docker, Excel, Burp Suite, UML, LaTeX

Database

Oracle, MySQL, MariaDB

Achievements

🏆 BUET CSE Fest CTF 2023

Champion among 100+ teams.

🏆 DU Cefalo ITVerse CTF 2023

4th among 60+ teams.

🏆 RITSEC International CTF 2023

7th among 710+ international teams.

🏆 SUST SWE Technovent CTF 2023

6th among 40+ teams.

🏆 RIOT Flaghunt CTF 2022

8th among 80+ teams.

🏆 Awarded IUT-OIC Partial Scholarship

Scholarship awarded for 3 Years equivalent to \$13500.

Co-Curriculars

🏆 Member of *IUT Genesis*, team ranked 1st in *CTFtime* in Bangladesh (2023).

🏆 Organizer and Problem Setter of IUT 11th National ICT Fest 2024.

🏆 Problem Setter at KnightCTF 2023.

🏆 Organizer and Problem Setter of Intra IUT Coderush Competition 2023.

🏆 Volunteer at Intra IUT Hackathon Competition 2023.

🏆 Instructor at IUT CTF Club.

🏆 Participated in various national and international CTF (Capture the Flag) competitions since 2022.