

# Tasnimul Hasnat

Software Developer · Cybersecurity Analyst · Open Source Enthusiast  
📞 +880-1731969827   @orkhasnat@gmail.com   🐙 orkhasnat   🌐 Tasnimul Hasnat

## About Me

I'm a final semester undergraduate student with a keen interest in open-source projects. I actively seek out opportunities to learn and grow, specially within collaborative team environments where I can contribute to technological innovations. Adept at bug hunting and vulnerability detection, I excel at performing under tight deadlines and pressure.

## Education

### Islamic University of Technology

CGPA: 3.77 out of 4.00 | Position: 19<sup>th</sup>

*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*

## Achievements

🏆 BUET CSE Fest CTF 2023

*Champion among 100+ teams.*

🏆 DU Cefalo ITVerse CTF 2023

*4<sup>th</sup> among 60+ teams.*

🏆 RITSEC International CTF 2023

*7<sup>th</sup> among 710+ international teams.*

🏆 SUST SWE Technovent CTF 2023

*6<sup>th</sup> among 40+ teams.*

🏆 RIOT Flaghunt CTF 2022

*8<sup>th</sup> among 80+ teams.*

🏆 Awarded IUT-OIC Partial Scholarship

*Scholarship awarded for 3 Years equivalent to \$13500.*

## Projects

### Abaash

🐙 orkhasnat/Abaash

🔗 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

🐙 orkhasnat/Broke\_No\_More

🔗 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

## Co-Curriculars

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

🏆 Organizer and Problem Setter of IUT 11<sup>th</sup> 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.