



Personal details



Md Farhadul Islam



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Skills

C++

Python

Java

Figma

Overleaf

Adobe Photoshop

Code Blocks

VS Code

Draw.io

Leadership

Communication

Profile

Tech graduate in Computer Science and Engineering from Southeast University Dhaka (CGPA: 3.41/4.00) with good knowledge about software development, computer network, database, operating system, algorithm, cyber security. Has extensive offensive security experience gained during an internship as an Offensive Security Engineer (Red Team) with Whizminder, including penetration testing, vulnerability assessment, adversarial simulation, and technical security reporting. Showed technical skills and leadership as an Associate Researcher at the Center for Cyber Security Research Cell and President of the Southeast Computer Club. Passionate about cyber security, secure software development and emerging technologies, hands on research experience with video steganography, cryptography, secure multimedia systems. Desire to utilize analytical problem-solving skills and technical knowledge to help contribute successfully in a dynamic IT environment

Education

Bachelor of Science

Feb 2022 – July 2026

Southeast University, Tejgaon I/A, Dhaka

- CGPA: 3.41

Higher Secondary Certificate (HSC)

2020

Birshrestha Noor Mohammad Public College, Peelkhana, Dhaka

- GPA: 5.00

Secondary School Certificate (SSC)

2018

Motijheel Govt. Boy's High School, Motijheel, Dhaka

- GPA: 5.00

Employment

Intern- Offensive Security Engineer — Red Team

Dec 2025 - Mar 2026

Whizminder

Worked closely with the security team on offensive cybersecurity operations, including penetration testing, vulnerability assessment, red-team simulations, and technical security reporting. Assisted in identifying, analyzing, and documenting security vulnerabilities across web, network, and cloud environments while following industry security standards and confidentiality protocols.

Associate Researcher

Jun 2025 - Present

Center For Cyber Security, Southeast University

Conducting active research at the Center for Cyber Security (CCS) Research Cell, Southeast University. Research focuses on frequency-domain video steganography, imperceptibility optimization, and secure multimedia communication. Contributing to ongoing academic publications and collaborative research initiatives within the center.

Projects

Train E-Ticket System Java-based Desktop Application

Developed in 2nd year using Java, this system allows users to book train tickets, check schedules, and manage passenger data through a simple user interface.

Railway E-Ticket System (Mobile App UI Design)

Designed in Figma (3rd Year) Created an interactive and user-friendly mobile app UI for an e-ticket booking system using Figma. Focused on user experience, intuitive navigation, and clean design for booking, schedule viewing, and ticket management.

Teamwork
Problem Solving

Languages

English
Bangla

**Blue Sense – Aquaculture Monitoring System
Embedded Systems Project**
Designed and implemented an IoT-based system to monitor water quality parameters (like temperature, pH, etc.) in fish farming tanks using sensors and microcontrollers.

Leadership & Extracurricular Activities

President – Southeast University Computer Club **Jan 2025 - Jan 2026**
Lead the club’s strategy and events, including tech workshops and esports tournaments. Mentor members and collaborate with faculty and industry professionals.

Volunteer Head – Southeast University Computer Club **Jan 2024 - Dec 2024**

Managed volunteers for tech events, handling logistics, coordination, and improving team processes.

President – BNMPC Cycling Club **Aug 2018 - Jul 2020**
Founded and led the club, organizing rides, campaigns, and inter-college events to promote fitness and teamwork.

Thesis & Publications

Paper Name: Exploring the Research Landscape of DCT-Based Video Steganography: A Systematic Review **2026**
Publisher: IEEE

Published in : 2025 International Conference on Sustainable Technology and Engineering (i-COSTE)
DOI: 10.1109/i-COSTE68047.2025.11467177

Thesis: Design and Develop a DCT-Based Video Steganographic Approach to Maximize Imperceptibility **2026**
Center for Cyber Security (CCS) Research Cell, Southeast University

References

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Center for Cyber Security
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Computer Science & Engineering, Southeast University
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