



Tanvir Ahmed Tuhin

Software Engineer & Cybersecurity Enthusiast



My contact

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Skills

- Assembly, C++, Python, Java, C#
- HTML, CSS ,JavaScript ,PHP
- MySQL, Microsoft SQL Server
- R Language
- Kali Linux
- Security Tools
- Arduino, ESP32 , ESP8266, IOT
- Git,Github
- Android Studio
- Networking
- Troubleshooting
- Debugging, Testing

Additional skill

- Adaptive Learner, Quick Learner
- Team Collaboration
- Time Management
- Problem solving, CTF
- Photoshop, Illustrator, After Effects, Premiere Pro, InDesign
- Microsoft Office
- Windows , Linux , Android
- Cisco Packet Tracer
- Matlab

Language

- Bengali
- English
- Hindi

Professional Summary

Motivated and detail-oriented Computer Science graduate with strong skills in C++, Penetration-testing, and problem-solving. Passionate about software development and eager to contribute to IOT innovative projects. Adept at working with cross-functional teams and delivering quality solutions.

Education

- **Bachelor of Science in Computer Science & Engineering** [2022-Present]
American International University-Bangladesh, Kuril,Dhaka
CGPA:3.5
- **Higher Secondary Certificate (HSC) – Science** [2018-2020]
Savar Cantonment Public School & College, Savar,Dhaka
GPA: 5.00
- **Secondary School Certificate (SSC) – Science** [2015-2017]
Rajendrapur Cantonment Public School & College,Gazipur
GPA: 5.00

Academic Projects

- **Online Tech Shop Web** (2024)[PHP, JavaScript, CSS, HTML] Developed an e-commerce website with product listings, cart, and checkout functionality.
- **Encryption & Decryption APK** (2023) [Java, Android] – Android app for encrypting/decrypting text and files using user-defined keys with secure local storage.
- **TechShop Management System** (2023) [C#, WinForms] – Desktop app for inventory, billing, and customer management with basic reporting features.

Experiences

- **Research under Prof. Dr. Dip Nandi** [May 2025 – Present]
 - CNN & transformer models for Bangla Sign Language recognition
 - Collecting and preprocessing datasets for model training.
 - Developing a real-time detection pipeline for live camera input.

Achievements

- ACM ICPC Asia Dhaka Regional Programming Contest 2024
- Intra university Programming contest, AIUB-2023
- Solved 300+ programming problems across multiple platforms.
- Completed 200+ CTF challenges on various cybersecurity platforms.

Certificates(CISCO):

- Ethical Hacker
- IT Essential
- Introduction to Modern AI
- Operating System Basic