Tanvir Ahmed Tuhin

Aspiring 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 student with strong skills in C++, penetration testing, and problem-solving. CTF challenge solver, passionate about software development, and eager to contribute to innovative IoT 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:3.58
- **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 650+ 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