Md Sohanuzzaman Shanto

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Gender: Male **Date of birth:** 26/10/2002 **Nationality:** Bangladeshi

ABOUT ME

Final-year student with a strong interest in cybersecurity and hands-on technical learning. Experienced in Flutter app development and ML/DL model training.
Focused on network security and threat analysis, with the goal of starting a career as a cybersecurity professional.

EDUCATION AND TRAINING

[28/02/2022 – Current]

Bachelor of Engineering in Computer Science and Technology

Wuhan Institute of Technology (WIT), China – Public University https://www.wit.edu.cn

City: Wuhan | **Country:** China | | **Final grade:** 84%

Theoretical Foundations: Discrete Mathematics, Calculus, and Theory of Computation.

Software & Systems: Data Structures and Algorithms, Operating Systems, and Object-Oriented Programming (C++/Java/Python).

Data Management: Relational Database Systems (DBMS) and advanced SQL.

WORK EXPERIENCE

Self-Employed / Independent Contractor / Freelance

City: Wuhan | **Country:** China

[06/2024 – 02/2025]

Freelance Flutter Developer

- **Developed** foundational mobile applications using the **Flutter** framework, focusing on clean UI/UX and efficient cross-platform performance (iOS and Android)
- Integrated **Firebase Authentication** and **Cloud Firestore** database, focusing on robust access control and rules to mitigate unauthorized data exposure

SKILLS

Technical Skills

linux shell scripting | SQL | Self-taught Flutter mobile app development | machine learning | Python | Networking Fundamentas | Flutter | Splunk

Tools & Hands-On Practice

Nmap/Zenmap | Wireshark | Hack The Box (beginner boxes)

Cybersecurity Skills

Security Risk Assessment | Vulnerability Identification | Incident Response Fundamentals

PROJECTS

Garbage Classification App with Flutter, TensorFlow Lite & Gemini

- Wall-E inspired Garbage classification **Flutter** that provides suggestion using **Gemini** about **waste disposal.** Uses TensorFlow lite local model for object classification.

Link: https://github.com/Sohanuzzaman3301/Wall-E

UTKFace-Multitask-ViT: Vision Transformer for Multi-Task Facial Attribute Prediction

• A vision Transformer based Multi-Task model for predicting Age Race and Gender

Link: https://github.com/Sohanuzzaman3301/UTKFace_Multitask_ViT

Campus Portal System - Flutter & Firebase University Management Platform

• Cross-platform mobile app with Firebase Auth and Cloud Firestore

Link: https://github.com/Sohanuzzaman3301/campus_portal_system

LANGUAGE SKILLS

Mother tongue(s): Bengali

Other language(s):

English

LISTENING C1 **READING** C1 **WRITING** C1

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

RESEARCH AND PUBLICATION

[11/2025 – Current] **Thesis: Ensemble Learning for PE(Portable Executable) Malware Detection**

Manuscript in progress; Implementing Ensemble Stacking Algorithm on Ember2024 dataset for PE windows malware Classification

COURSES AND CERTIFICATIONS

[10/2025] **Google Cybersecurity Professional Certificate — Google / Coursera**

Link: https://coursera.org/share/eb2396504e099690622fd135c74aa95e

[09/2025] **ISC2 Certified in Cybersecurity (CC) – Official Training Completion — ISC2**

[10/2025] **Automate Cybersecurity Tasks with Python — Google/Coursera**

Link: https://coursera.org/share/892e864ee196aa748850bfd81635acf3

[10/2025] **Connect and Protect: Security in Networks — Google/Coursera**

Link: https://coursera.org/share/a05288394a2df8fdd3f8cac542b871fc

[10/2025] **Tools of the Trade: Linux & SQL — Google/Coursera**

Link: https://coursera.org/share/9216f30aee3e9d8d4bd16fc4a7850c8a

HONOURS AND AWARDS

[10/2025] **Awarded the universities first class scholarship in 2025 for maintaining excellent academic performance and ranking and Ranking the first in my batch.**
Awarding institution: Wuhan Institute of Technology

HOBBIES AND INTERESTS

CTF challanges at tryhackme