Insaniyat Ishan

Tejgaon | Dhaka, Bangladesh

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EDUCATION

Bachelor of Science in Computer Science 2021–2025
BRAC University, Dhaka, Bangladesh
CGPA: 3.42

A' Levels Completed 2021
Endeavour English Medium School (Edexcel)
Result: 1A, 2B

O' Levels Completed 2018
Islami Bank International School & College (Edexcel)
Result: 1A*, 3A, 3B

PROFESSIONAL EXPEREINCE

Security Operations Intern
Tech4Time, Dhaka, Bangladesh) Aug 2025 – Oct 2025
- o Assisted in configuring and maintaining Wazuh (SIEM/XDR) for centralized log collection and security monitoring under supervision.
- o Supported security engineering activities to improve network visibility and basic endpoint protection.
- o Assisted in analyzing system and security logs to help identify potential vulnerabilities and support incident response processes.

Junior Security Engineer
Tech4Time, Dhaka, Bangladesh Nov 2025 – Present
- o Assisted in implementing **Network Detection and Response (NDR)** solutions using Wazuh, Suricata, Zeek, and YARA.
- o Supported **malware detection and IPS deployments**, including SQL injection and DDoS mitigation, under supervision.
- o Contributed to **security log analysis, Linux server management**, and documentation of security frameworks.
- o Assisted in deploying **ModSecurity WAF** on Apache and Nginx using the OWASP Core Rule Set.

SECURITY PROJECTS

Real-time IPS & Threat Mitigation Wazuh, Suricata, Linux (iptables)
- o Engineered a closed-loop IPS to detect network attacks and execute firewall-level bans in under 2 seconds.
- o Authored custom Wazuh rules and Suricata signatures to automatically mitigate ICMP flood attacks.

Automated Malware Detection & Remediation Wazuh FIM, YARA Engine
- o Integrated Wazuh File Integrity Monitoring with YARA to identify and quarantine malware with sub-second response times
- o Implemented a "Zero-Trust Directory" vetting files against 4,000+ signatures with automated, secure quarantine.

Network Security Monitoring (NSM) Pipeline Zeek, Wazuh SIEM, JSON correlation
- o Established real-time network visibility, detecting reconnaissance activities like port scanning via deep packet inspection.
- o Correlated structured Zeek logs with Wazuh for centralized alerting and threat hunting on a unified dashboard.

ACADEMIC AND PERSONAL PROJECTS

Thesis: Detecting Developer Emotions in GitHub Commits Using Large Language Models
- o Constructed a large-scale dataset by sampling and **processing 20,000 GitHub commits**, performing extensive text preprocessing.
- o Developed and fine-tuned 'CommiTune,' a CodeBERT model, to classify developer emotions, **achieving 88% Macro-F1**.
- o Conducted statistical **analysis correlating developer emotions with project health metrics** like bug activity and code churn.

GlowCart — Skincare E-commerce
Django, PostgreSQL, Stripe
- o Full-featured e-commerce platform with catalog filtering, wishlist, checkout (Stripe/COD), and admin dashboard metrics.

Expensly — Expense Tracker
Django, Chart.js, SQLite
- o Personal finance tracker with authentication, categories, budgets, and a dashboard featuring charts and light/dark theme toggle.

CERTIFICATIONS

- Google — Foundations of Cybersecurity (Dec 2024)
- Certified Ethical Hacker (CEH): Unit 1 (Pearson, Oct 2025)
- Deloitte Australia - Cyber Job Simulation (Forage, Oct 2025)

TECHNICAL SKILLS

- Programming: Python, C, Bash/Shell Scriptin
- Security Tools: Wazuh (SIEM/XDR), Suricata (IDS/IPS), Zeek (NSM), YARA, clamAV, VirusTotal, IRIS
- Network/OS: iptables, Linux Administration, Log Analysis
- Frameworks: Django, Spring Boot, Flask
- Databases: MongoDB, SQL
- Tools: Git, Microsoft Office (Excel, PowerPoint, Word), DaVinci Resolve, After Effects, Adobe Premiere Pro

REFERENCE

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