

MUBBASHIRUL ISLAM

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[Portfolio](#)

SUMMARY

Passionate **cybersecurity researcher** with a focus on **OSINT**, **threat intelligence**, and **vulnerability assessments**. Skilled in both **offensive and defensive** security measures with hands-on experience in real-world projects that involve system audits, ethical hacking, and incident response. Equipped with a strong foundation in **Windows and Linux environments**, leveraging **automated tools** and custom scripts for enhanced cybersecurity solutions. Dedicated to continuous learning, I stay updated on the latest security trends, aiming to contribute to cutting-edge **cyber defense strategies**.

PERSONAL PROJECTS

X3Sync – Secure Browser Data Synchronization Tool

Developed a **Python-based tool** to securely synchronize browser data (bookmarks, cookies, passwords) across multiple browsers (Chrome, Brave, Edge, Firefox) onto a USB drive.

Impact: Reduced browser data management time by **50%** for users.

Tech Stack: Python, PyWin32

GitHub: github.com/mubbashirulislam/X3sync

XtractShot – Ethical Hacking & System Auditing Tool

Built a tool to capture screenshots at regular intervals for **security audits and compliance testing**, with screenshots sent via email for review.

Impact: Captured over **500 screenshots** used in compliance testing, enhancing security audits.

Tech Stack: Python, Pillow, Smtplib

GitHub: github.com/mubbashirulislam/Xtractshot

X3-OSINT – Automated Username Availability Checker

A Python tool that automates username availability checks across platforms like Twitter, Instagram, and GitHub, featuring an easy-to-use interface and Excel export functionality.

Impact: Simplified username management for users.

Tech Stack: Python, Pandas, OpenPyXL

GitHub: github.com/mubbashirulislam/X3-OSINT

RizzCrypter – Gen Z-Inspired Encryption Tool

Developed an interactive encryption tool using **custom key-based algorithms** to help users learn cryptography basics.

Impact: Engaged users in understanding encryption, with **50+ downloads** in its first month.

Tech Stack: HTML, CSS, JavaScript, Python

GitHub: github.com/mubbashirulislam/RizzCrypter

Home Wi-Fi Security Vulnerability Video

Produced an educational video highlighting common Wi-Fi security vulnerabilities and providing tips to secure home networks.

Impact: Reached over **100+ viewers**, raising awareness of home network security.

YouTube: [YouTube Link](#)

TECHNICAL SKILLS

Operating Systems

- **Windows:** Advanced experience in configuring security settings (Windows Firewall, UAC), user management, and conducting vulnerability assessments.
- **Linux:** Proficient in **Kali Linux** and **Ubuntu** for penetration testing and security audits. Familiar with **command-line tools** for system administration and network analysis.

Networking & Security

- **Networking:** Strong understanding of **TCP/IP**, **DNS**, **DHCP**, and **subnetting**. Experience in **network configuration** and troubleshooting (routers, switches, firewalls), and setting up **VPNs** for secure remote access.
- **Network Monitoring & Analysis:** Skilled with **Wireshark** and **Nmap** for traffic analysis and vulnerability detection. Capable of identifying and responding to **network anomalies** in real-time.
- **Web Application Security:** Familiar with **Burp Suite** for penetration testing, including **vulnerability scanning**, session management, and testing for **SQL Injection**, **XSS**, etc.

Cybersecurity

- **OSINT & Threat Intelligence:** Proficient in using tools like **Maltego**, **SpiderFoot**, and **Recon-ng** for gathering intelligence from public sources. Experienced with **Shodan** for identifying IoT vulnerabilities and web services.
- **Vulnerability Assessment:** Hands-on experience using **Nessus** and **OpenVAS** for vulnerability scanning, along with **Metasploit** for penetration testing.
- **Incident Response:** Strong understanding of the **incident response lifecycle**. Familiar with **SIEM** tools (Splunk, Elastic Stack) for log analysis and security event management. Skilled in **remediation strategies** and post-incident recovery.

Programming & Scripting

- **Python:** Proficient in developing **automation scripts** for security tasks. Experience using libraries like **Pillow**, **Scapy**, and **Smtplib** for building security tools.
- **Bash Scripting:** Skilled in **automating tasks** in Linux environments, including file management, system monitoring, and data backup.
- **Version Control:** Proficient with **Git** for version control and **GitHub** for project management and issue tracking.

Tools

- **OSINT Tools:** Maltego, SpiderFoot, Recon-ng, Shodan
- **Pen-Testing Tools:** Nmap, Nessus, Metasploit, Wireshark
- **Security Monitoring:** Burp Suite, Snort, Suricata, EDR tools

Courses & Certificates

- Junior Cybersecurity Analyst by **Cisco** ([Credential](#))
- API Security Fundamentals by **APIsec University** ([Credential](#))
- SKF100: Understanding the OWASP by **The Linux Foundation** ([Credential](#))
- Introduction to OSINT by **Security Blue Team** ([Credential](#))
- Fundamentals Cybersecurity by **Fortinet** ([Credential](#))

Education

- Completed Higher Secondary Certificate (HSC) from Cambrian College, Dhaka.
- Diploma in Computer Science from Daffodil Polytechnic Institute, Dhanmondi, Dhaka.