MUBBASHIRUL ISLAM

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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 service weaknesses.
- **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

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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.