

Kasem Shibli

Penetration Tester

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LinkedIn: [kasemshibli](#) | GitHub: [Kasem545](#) | HackTheBox: [kasemsh](#) | TryHackMe: [kasemsh](#)

Hands-on cybersecurity professional specializing in penetration testing, Active Directory security, and offensive security operations. Experienced in enterprise-style lab environments, web application testing, Active Directory exploitation, and adversary simulation. Skilled in red teaming methodologies, Windows/Linux infrastructure, and offensive security tooling.

Technical Skills

Offensive Security: Active Directory attacks, privilege escalation, web/API testing, OWASP Top 10

Offensive Tooling: BloodHound, Impacket, NetExec, Burp Suite, Metasploit, Wireshark

Tools: Burp Suite, Metasploit, Nmap, Impacket, Wireshark

Systems: Windows Server, Linux (Debian, Arch)

Programming: Python, Bash, PowerShell

Networking: TCP/IP, DNS, DHCP, Firewalls, IDS/IPS

Cybersecurity Projects & Practical Experience

GOAD (Game of Active Directory) Lab

- Built and operated enterprise-style multi-domain Active Directory environments using GOAD for advanced attack simulation and adversary emulation
- Conducted Active Directory exploitation including Kerberoasting, delegation abuse, ACL attacks, privilege escalation, lateral movement, and persistence techniques
- Simulated post-exploitation operations involving credential dumping, BloodHound attack path analysis, Kerberos abuse, and domain dominance scenarios

Penetration Testing

- Performed internal and external penetration testing against Windows infrastructure, Active Directory environments, web applications, and APIs
- Executed realistic attack simulations covering enumeration, exploitation, privilege escalation, lateral movement, and post-exploitation activities
- Conducted web and API security assessments using OWASP Top 10 and OWASP API Security methodologies
- Ranked among the Top 10 Hack The Box users in Israel through consistent performance in offensive security challenges and labs
- Solved 120+ realistic Windows, Linux, Active Directory, and web exploitation labs across Hack The Box and TryHackMe
- Produced professional penetration testing reports with technical findings, risk analysis, and remediation recommendations

CTF & Security Research

- Researched and validated offensive security techniques through Hack The Box Pro Labs, enterprise-style lab environments, and independent testing projects
- Specialized in Windows privilege escalation, Active Directory exploitation, and persistence techniques
- Conducted independent research on offensive security tooling and attack methodologies

Open Source Projects & Contributions

- [SharpExclusionFinder](#) – Developed a Windows enumeration tool for identifying Microsoft Defender exclusions and potential security gaps
- [AMSIBypass](#) – Developed and researched AMSI bypass techniques for Windows security testing and in-memory execution research
- [arsenal](#) – Maintained and continued development of a forked offensive security toolkit collection after the original project became inactive
- [ligolo-mp](#) – Contributed to a Ligolo-ng management and pivoting project focused on internal network traversal and offensive security operations
- [gtfobins-cli](#) – Contributed to a command-line utility for searching and interacting with GTFOBins techniques directly from the terminal

Education / Certifications

- HackerU Cyber Security Course – 465 Hours
- High School Diploma Major Science
- OffSec - OSCP / OSWP
- HackTheBox - CPTS / CWES
- Alterd Security - CRTP
- INE Security - eCPPT / eJPT / eWPT
- EC-Council - CEH Master
- TCM Security - PNPT
- Linux Essentials / PCEP Python

Professional Experience

Nof Hatavor | Operations & Administration | 2022–2026

- Managed daily business operations including financial transactions, inventory coordination, and project oversight
- Supervised employees and coordinated operational workflows to ensure efficient day-to-day activities
- Handled vendor coordination, logistics, and administrative processes across multiple business operations

NutHouse | Cashier | 2021–2022

- Handled customer transactions, inventory organization, and daily store operations
- Maintained accuracy and efficiency in a fast-paced retail environment

Shaked Tavor | Warehouse Operations | 2018–2021

- Customer service, inventory management, logistics, and order fulfillment

Languages

Arabic (Native) | Hebrew (Fluent) | English (Fluent)