

Olakojo Olaoluwa

olakjosh@gmail.com — (234) 813-717-8824 — linkedin.com/in/sci-sec/ — secfortress.com — github.com/sec-fortress

youtube.com/@sec-fortress — sec-fortress.github.io

SUMMARY

Security researcher/penetration tester with extensive networking, scripting, linux administration, active directory and cloud experience. Familiarity with security frameworks including OWASP Top 10, Microsoft SDL, MITRE ATT&CK Framework and SANS Top 25. Knowledgeable on defensive security concepts including SIEM and threat hunting. Actively pursuing the **OSCP** certification to further validate proficiency and skill set.

EXPERIENCE

WTCN Solutions

Network Penetration Tester

Hybrid, Nigeria

February 2022 – Present

- Utilized tools like Nmap, LDAP enumeration tools (such as ADEplorer, LDAPSearch), or PowerShell scripts (Powersploit) to gather information about the Active Directory environment, including domain controllers, user accounts, group memberships, etc.
- Perform password spraying or brute-force attacks against user accounts to identify weak passwords.
- Attempts to escalate privileges by exploiting vulnerabilities like Kerberos attacks (Golden Ticket, Silver Ticket), pass-the-hash attacks and ACL exploits.
- Pivoting through the network by exploiting trust relationships, weakly secured services and compromised credentials.
- Attempts to exfiltrate sensitive data from the network to assess the effectiveness of data loss prevention (DLP) controls.
- Conducted thorough security assessments of web applications, identifying vulnerabilities and weaknesses.
- Participated in client penetration tests, utilizing tools such as Burp Suite, OWASP ZAP, and Nessus to identify and remediate security vulnerabilities.
- Played a key role in the creation of Capture The Flag (CTF) labs (Boot2root) whereby utilizing platforms like Hack The Box and TryHackMe to provide hands-on training environments for cybersecurity enthusiasts alongside.
- Collaborated in setting up VMware, UTM and VirtualBox virtualization labs, configuring comprehensive home lab environments with Active Directory, Kali Linux, pfSense, and Snort.
- Led training sessions for internal teams, improving overall awareness of emerging cybersecurity threats and best practices.
- Documented all findings, including vulnerabilities, exploited paths, and recommendations for remediation whereby providing evidence such as screenshots, log excerpts, and command outputs to support my findings.

SenseLearner Pvt Limited

Web Application Penetration Tester

Remote, India

August 2021 - November 2021

- Gathered information about the target web application using tools like Whois, DNSDumpster, Recon-ng etc.
- Identified subdomains, IP addresses, server information, and any publicly available information about **SenseLearner's** application and its infrastructure.
- Used automated scanning tools like Burp Suite, OWASP ZAP, Nessus and Nikto to map out the web application attack surface.
- Perform manual and automated vulnerability assessments to identify common security issues such as SQL injection, cross-site scripting (XSS), CSRF, SSRF, IDOR, RCE and LFI.
- Also tested for data leakage, insecure file uploads, or other avenues for unauthorized access or manipulation.
- Worked with the development team and system administrators to validate the effectiveness of remediation efforts.
- Recommended implementing continuous security monitoring solutions to detect and respond to new vulnerabilities or security incidents e.g snort, wazuh and suricata.
- Generated detailed reports outlining findings, recommendations, and remediation steps, specifying CWE catalog and CVSS for each finding.

SKILLS

- **Secure Software Development Framework(SSDF):** OWASP Top 10, SANS Top 25, Microsoft SDL, MITRE ATT&CK Framework.
- **Identity Provider:** Active directory.
- **Scripting Languages:** Bash, Python, Powershell.
- **Encryption:** Symmetric, Asymmetric, OpenSSL.
- **Endpoint Monitoring:** Snort, Wazuh, Suricata.
- **SDLC Security Practices:** Threat Modeling, SAST, DAST, SCA.
- **Operating Systems:** Linux(Debian, Kali, Ubuntu, ParrotSec), Microsoft windows.
- **Security Tools:** Nessus, Metasploit, Powersploit, Hydra, Hashcat, Silver, Bloodhound, Burp Suite, Impacket, Mimikatz, Nmap, FFuF, SysInternals, Ligolo-ng, Lazagne.
- **Container:** Docker Security, Vagrant.

- **Hypervisors:** VM Ware, Virtual Box.
- **Networking:** Wireshark, TCPdump, VLANs, Routing, Switching, proxies, Tcp/Ip, OSI Model.
- **Database Management Systems:** SQLite, PostgreSQL, MongoDB, Redis.
- **Reporting:** MS Word, PDFTeX, Sysreptor, Libre Office.
- **Communication:** Fluent in English (UK).


ACHIEVEMENTS & CERTIFICATIONS

2024 **Prolabs:**

– **Dante**, Penetration Tester Level II lab

 Hackthebox.com


2024 **CPTS**, Certified Penetration Testing Specialist

 Hackthebox.com


2024 **CRTP**, Certified Red Team Professional

 AlteredSecurity.com


2024 **OffSec**, Offensive Pentester Path

 Tryhackme.com

2024 **Jr Pentester**, Junior Penetration Tester Path

 Tryhackme.com

2023 **PEH**, Practical Junior Penetration Tester

 Academy.tcm-sec.com

EDUCATION

Air Force Secondary School, Lagos, Nigeria
High-School **Art**


Enrolled: February 2018 — Finished: September 2022
Threads: literature, visual arts, music.

National Open University, Nigeria
BSc **Criminology**

Enrolled: January 2024 — Expected: January 2027
Threads: Criminal Behavior Analysis

Team 5h4d0wbr0k3r5 — **Hackthebox**
CTF Player

Remote, India
December 2023 – Ongoing

- Actively engage in penetration testing activities on the HTB platform, practicing machines to exploit the latest CVEs and enhance my skills,
- Completed various challenges and achieved a ranking of **pro-hacker** on the HTB platform.
- Collaborated closely with team members to develop exploits for the latest CVEs (Common Vulnerabilities and Exposures) and tools aimed at simplifying Capture The Flag (CTF) challenges for all team members.
-  HTB-Profile -: 5h4d0wbr0k3r5