### **Anh Khoi Nguyen**

**Penetration Tester** 

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Tran Quang Dieu street, District 3, Ho Chi Minh City

#### **SKILLS**

Penetration Testing: Web Applications.

Red Team Operations: Reconnaissance, Exploitation, Privilege Escalation, Active Directory Attacks.

Programming Language: Intermediate in reading and understanding code written in Python and PHP.

Teamwork: Share knowledge and support team objectives.

**Self-learning:** Acquired cybersecurity and pentesting knowledge through independent study and keep practicing on practical labs.

Language: Good at listening, reading, speaking, and writing in English.

#### **OBJECTIVE**

#### Career goals:

- Short-term goals: Expose in an internship position in the field of Penetration Testing where I can utilize my knowledge in network security, vulnerability consideration, and ethical hacking while gaining hands-on experience with real-world systems and professional tools.
- Long-term goals: I want to become an Offensive Security Professional (OSCP) and work as a full-time Penetration Tester or as a Red Team expert.

#### **PROJECTS**

## Deploy a pentest to a website on the internet

03/2025 - 04/2025

#### **Position: Penetration Tester**

- Target: http://demo.testfire.net/.
- Tools Used: OWASP ZAP, GTFO, Burp Suite, Netcat, LinPEAS, nmap.
- Perform a full-depth scan with nmap and OWASP ZAP and find out that the website contains DOM-based Cross-Site Scripting (XSS).
- Exploit that vulnerability by using a payload written in JavaScript to obtain the admin cookie, and I am also able to perform a Clickjacking to trick users into clicking the malicious link.

# Deploy a pentest to a web servers that contain vulnerabilities on localhost

02/2025 - 03/2025

#### **Position: Penetration Tester**

- Target: Damn Vulnerable Web Application (DVWA).
- Tools Used: OWASP ZAP, Burp Suite, Netcat, LinPEAS.
- Run OWASP ZAP and recognize some high vulnerabilities such as: Command Injection, SQL Injection, File Upload Security, etc.
- Exploit the File Upload Security to upload a reverse shell written in PHP and obtain the www-user. Perform privilege escalation to gain root on the DVWA web server.

## Deploy VPN client-to-site using Radius Server

05/2024 - 06/2024

#### **Network security administrator**

- Tools Used: impacket-ntlmrelayx, pth, bloodhound, impacket-psexec to impersonate user.
- Design and deploy a Client-to-Site VPN using RADIUS server authentication.
- Configure VPN gateway, user credentials, and integrate with a centralized authentication server, ensure secure remote access for clients through IPsec/SSL protocols.

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**CERTIFICATIONS** -

2022 - 2026 2022 - 6.0 IELTS

University: Academy of Cryptography Techniques - KMP

**Major: Cyber Security** 

#### **PERSONAL LINKS**

• Linkedin: linkedin.com/in/khoi-nguyen-498255260/

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