Phyo Zin Khant

Application Security & Penetration Testing Specialist

Contact

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Certificate

- HTB Certified Penetration Testing Specialist
  (Under Review – Expected Q1 2026)
- Practical Junior Penetration Tester(PJPT)
  TCM Security Academy
- OSCP
  (In Progress)

Active Directory

- Forest Trust Abuse
- Kerberoasting / AS-REP Roasting
- DCSync / Pass-the-Hash
- ACL / GPO Abuse
- AD-CS Abuse

Pentest & AppSec

- Internal / External Network Pentest
- OWASP Top 10 Web App Testing
- SSRF, SQLi, XSS, IDOR
- Privilege Escalation (Win / Lin)
- Pivoting & Lateral Movement
- OSINT & Recon
- CVSS 3.1 Reporting
- MITRE ATT&CK Framework

PROFESSIONAL SUMMARY

Offensive Security professional combining **rare dual expertise** in Full-Stack Development (React / Node.js) and Penetration Testing. PJPT-certified with hands-on experience in Active Directory exploitation, network penetration testing, and web application security (OWASP Top 10). Delivered commercial-grade CVSS 3.1 reports in simulated enterprise environments. Currently pursuing OSCP. Eligible to apply for Work visa.

Professional Experience

Independent Security Researcher / CTF Player
Hack The Box (HTB)   Jul 2025 -Present

- Identified and exploited complex vulnerabilities across **200+ enterprise-level lab environments**, including Active Directory forest trust abuse, Kerberoasting, and DCSync attacks.
- Analyzed and exploited web application vulnerabilities (SQLi, XSS, SSRF, IDOR) and produced **commercial-grade technical reports** with risk ratings and remediation steps.
- Consistently ranked **Hacker** tier in weekly CTF competitions — demonstrating real-world offensive security competency under time pressure.
- Specialised in AppSec testing aligned with **OWASP Top 10** and **MITRE ATT&CK framework**.

Certified Practitioner – Internal Network Pentest
TCM Security Academy   Jan 2025 – Jul 2025

- Executed a **48-hour comprehensive internal network penetration test** in a simulated corporate Active Directory environment from a zero-knowledge starting position.
- Delivered a stakeholder-ready remediation report with **CVSS 3.1 risk scoring**, attack chain diagrams, and prioritised fix recommendations.
- Applied advanced OSINT and enumeration techniques to map internal attack surfaces and identify lateral movement paths.

Practitioner / Student – Offensive Security
TCM Security Academy   Jan 2024 – Jan 2025

- Mastered post-exploitation techniques, privilege escalation (Windows & Linux), and lateral movement across **90+ guided rooms**.
- Automated vulnerability scanning and enumeration workflows using Python and industry-standard tools, reducing audit time by ~30%.

Work Experience

Software Developer
IrraHub Company Limited   Feb 2019 - Dec 2019

- Coordinated cross-disciplinary teams of 10+ members to deliver complex projects and utilizing at web applications and mobile applications resulting in a 20% reduction in project delivery time and app performance by 40%.
- Collaborated with security teams to implement secure coding practices in React.js and Node.js, reducing the attack surface of web applications.

Tools

- Burp Suite
- Metasploit / Impacket
- Nmap / NetExec
- BloodHound / Wireshark
- BloodyAD / Certipy
- PowerView
- sqlmap

Development

- React.js / Node.js
- Python (scripting & automation)
- Java, C#, C++, Dart
- Secure SDLC / Code Review

Soft Skills

- Technical Report Writing
- Adversarial / Threat Thinking
- Stakeholder Communication
- Self-directed Learning

Languages

- English (Professional)
- Burmese (Native)
- Korean (Conversational)

Security Research & Writeups

- UpDown (HTB - Windows - Medium)
- Sendai (VulnLab - Windows - Medium)
- Busqueda (HTB - Linux - Easy)
- Media (VulnLab - Window - Medium)

Education

Bachelor of Science in Information Technology (Cybersecurity specialisation)

European Internation University(EIU-Paris)

Associate Degree of Business Administration

Seojeong University

Reference

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Choi Deok-gyun - CEO