

PHAT DAT LAM

OFFENSIVE SECURITY ENGINEER • SYNACK RED TEAM APPLICANT

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PROFESSIONAL SUMMARY

OSWE-certified Offensive Security Engineer with 8+ years across web and API penetration testing, smart-contract auditing, and secure SDLC. Active bug-bounty researcher on HackerOne, ImmuneFi, Liferay (Hall of Fame), and Code4rena, with a track record of identifying critical vulnerabilities in fintech and blockchain products. Currently lead a red team and build AI-driven offensive tooling. Bringing a deep adversarial mindset and hands-on exploitation experience to high-impact vulnerability research on the Synack Red Team.

CORE SKILLS

- **Offensive Security:** Web & API penetration testing, red teaming, source-code review, vulnerability research
- **Vulnerability Classes:** RCE, SSRF, IDOR/access control, authentication bypass, injection, and business-logic flaws
- **Blockchain:** Smart-contract & DeFi/GameFi auditing on Ethereum and EVM-compatible chains
- **Languages / Code Review:** Java, Golang, Ruby, PHP, Solidity
- **Tooling & Cloud:** Burp Suite Pro, Secure SDLC / SecOps automation, AI-agentic tooling (Google ADK, LiteLLM), AWS

EXPERIENCE

Red Team Leader — Secuwall (Dubai) Nov 2025 – Present

- Lead a 4-member team delivering penetration testing and red teaming engagements.
- Develop AI-agentic automation and offensive security tooling (Google ADK, LiteLLM).
- Architect rule-based distributed scanning workflows that scale across large enterprise attack surfaces.

Senior Product Security Engineer — Coinhako (Singapore) Jul 2024 – Nov 2025

- Performed penetration testing focused on fintech and blockchain applications.
- Managed the HackerOne bug bounty program end to end (triage, validation, remediation tracking).
- Owned the vulnerability dashboard and reporting to the CISO.
- Supported security incident response.

Smart Contract Auditor — Verichains (Vietnam) Jan 2023 – Jul 2024

- Audited DeFi, GameFi, and centralized-exchange blockchain products for critical vulnerabilities.
- Reviewed smart contracts on Ethereum and EVM-compatible chains.
- Researched decentralized finance models and their associated security and economic risks.

Senior Application Security Engineer — Zion, a VNG subsidiary (Vietnam) Jun 2021 – Dec 2022

- Conducted secure code review for Java, Golang, and Ruby applications.
- Drove Secure SDLC and integrated SecOps tooling following a Shift-Left methodology.
- Built internal security solutions including API Inventory and Attack Surface Scanning.

Penetration Tester — Viettel Cyber Security & Vin Cyber Security Services Feb 2017 – Dec 2021

- Performed web application penetration testing across enterprise clients.
- Researched CVEs across Liferay, Laravel, ExpressJS, and Java Spring stacks.
- Ran red team engagements for government, airline, and real-estate customers.

EDUCATION

Bachelor of Information Security — Academy of Cryptography Techniques of Vietnam Aug 2014 – Sep 2019

- Thesis: Developing a Static Application Security Testing (SAST) tool for PHP applications.

ACHIEVEMENTS & CERTIFICATIONS

- **Certifications:** [OSWE – Offensive Security Web Expert](#); [AWS Certified Solutions Architect – Associate \(SAA\)](#)
- **Bug Bounty:** [HackerOne](#); [BugCrowd](#); ImmuneFi; [Liferay](#) (Hall of Fame); Code4rena and private bounty;
- **CTF:** 2nd place – National Student CTF Competition, 2018; 2nd place – Viettel MatesCTF Season 3, 2017