

Tinh BUI (Tristan)

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SKILLS

Application Security (AppSec, SAST, DAST, Threat Modeling), Penetration Testing, Risk Assessment (OWASP, MITRE ATT&CK, ISO), Endpoint Security (EDR, SIEM)

PROFESSIONAL EXPERIENCE

Application Security Engineer

Ho Chi Minh City, VN

iTech Asia - Banking and Fintech Tech Hub

Mar, 2024 - ongoing

- Established and matured the security baseline for a fast-growing fintech, eliminating 80% of critical risks within 6 months and driving secure SDLC adoption across engineering teams.
- Led threat modeling and design reviews (FSD/TSD) with architects, developers, and analysts, closing 5+ security gaps and improving business-logic data flows in core systems.
- Owned end-to-end product security for retail digital banking, proactively reducing new-feature vulnerabilities and supported rapid production incident investigation and remediation

R&D Security Internship

Île-de-France, FR

Intuitem

Mar, 2023 - Sep, 2023

- Implemented and validated a commercial EDR solution (Microsoft Defender for Endpoint), testing detection and prevention capabilities across multiple attack scenarios
- Performed adversary emulation using Atomic Red Team and CALDERA to simulate real world threats, analyze triggered alerts, and recommend proactive mitigation measures.
- Conducted penetration testing on an internal enterprise application, identifying 10+ vulnerabilities and delivering prioritized remediation guidance.

Application Security Specialist

Ho Chi Minh City, VN

HCL Technologies Ltd.

Jun, 2021 - Jun, 2022

- Integrated SAST and SCA into the SDLC for a global biopharma client; analyzed 95% of 2k+ scan findings and reduced 450+ false positives per project, enabling faster triage. Delivered targeted remediation guidance for all high/critical issues, achieving an 80% fix rate within a single sprint.
- Performed quarterly DAST for 150+ internal web applications of a US-based client, identifying ~200 actionable vulnerabilities per cycle, including on-demand scans. Created tickets and provided prioritized mitigation steps for all high/medium-severity findings to development teams.
- Supported the R&D team by conducting PoCs and delivering training on application security tools, including HCL AppScan variants, Rapid7 AppSpider, and other enterprise AppSec solutions.

Cyber Security Consultant

Ho Chi Minh City, VN

Ernst and Young Viet Nam Cybersecurity Services Company Ltd.

Aug, 2019 - May, 2021

- Delivered web/mobile penetration testing across banking, hospitality, oil & energy, aviation, and outsourcing sectors, including a threat-led engagement leveraging internal CTI and OSINT for initial access
- Conducted risk assessments across 10 ITSM domains using EY's Cyber Security Assessment Program (CPA); produced reports with risk scoring and prioritized remediation aligned to ISO 27001 and NIST

EDUCATION

Grenoble INP - Ensimag - Université Grenoble Alpes (UGA)

Grenoble, FR

MSc. in Cybersecurity (Bac +5)

Sep, 2022 - Sep, 2023

- Honors & Awards: France Excellence Scholarships from the French Embassy in Vietnam

- Relevant Coursework: Threat and risk analysis (IT Audit), Software Security, Security Architecture, Cryptographic Engineering, Physical Security

University of Information Technology, Vietnam National University

Ho Chi Minh City, VN

Bachelor of Engineering, Information Security (Honors program)

Sep, 2016 - Sep, 2020