

An Viet Pham

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Experience

Application Security Engineer **LY Corp** **December 2021 – On going**

Company homepage: <https://linecorp.com> , <https://line.me> , <https://www.lycorp.co.jp/en/>

My main tasks are:

- **Code review, penetration tests** for Web, Mobile applications for each sprint. Found hundreds of **vulnerabilities** from low to critical severity: RCE, SQLi, NoSQLi, IDOR, DOS, SSRF, XSS, ...
- Application security **trainings** and **sharing**. For example:
 - o For software engineer shares about common vulnerabilities IDOR, XSS, SSRF, ...
 - o For security engineers shares about up-to-date tools for finding security vulnerabilities. For example one of my hands on video [here](#).
- **Handle [Hackerone LY bug bounty](#)** reports.
- **Author** of multiple **security challenges** in LINE **Capture the Flag (CTF)** competition in 2023, 2024.

Fullstack Application Security Engineer **Cyber Jutsu** **July 2020 – Oct 2021**

Company homepage: <https://cyberjutsu.io>

My main tasks are:

- **Prepare** in-depth lessons, challenges for security training on secure coding, server-side, client-side attacks.
- **Build e-learning platform** for security trainings with **ReactJS, NestJS**.
- **Penetration test** for 3rd parties and reuse real-world vulnerabilities for security training. Here is one [famous RCE](#) case, unfortunately details are redacted.

Education

Vietnam National University – **Ho Chi Minh city University of Science**

October 2016 – October 2020

Bachelor of Science in Computer Science with overall GPA: **3.79/4.0**

Hobbies

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- Portfolio page: <https://drstrange.org/>
 - Write technical blog: <https://blog.drstrange.org/>
 - Secure the world by submitting my finding on vulnerabilities on open-sourced libraries:
 - o **CVE-2021-22963, CVE-2021-22964**: Open redirects and 1-request denial of service
 - o **CVE-2024-23525**: XXE in default configuration for Perl library Spreadsheet::ParseXLSX
 - Find **bug bounties** on Hackerone:
 - o My profile: [here](#)
 - o **CVEs** for Fastify on Hackerone.
 - o Multiple high-valued bounties on Miro includes **IDOR** and **XSS** to **account takeover**

Side project

Implement own security tool **Shadeless**, which consists of:

- **Shadeless Burp**: a Burpsuite extension that acts as a HTTP logger & forward HTTP traffic to Shadeless server.
- **Shadeless server**: a centralized log server that stores traffic from Shadeless Burp's users, then:
 - o Allows users to query past web traffic and can analyze API endpoints.
 - o Allows collaboration between multiple bug bounty hunters.
 - o Is specially crafted with the best UX for bug bounty hunters.
- Project detail [here](#)

Honors and Awards

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- **Rank 35/57** in **ACM ICPC World Final** in Invitational division **2020**
 - **Rank 8/112** in **ACM ICPC Asia Regional** at Da Nang, Vietnam **2019**
 - **Rank 3/52** in **ACM ICPC Asia Regional** at Nakhon Pathom, Thailand. **2017**
 - **Rank 9/80** in **ACM ICPC Asia Regional** at Bangkok, Thailand. **2016**
- (reference <https://icpc.global/ICPCID/99KWKZC3VO61>)