

# Huy Le

SOFTWARE ENGINEER · MAKER

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“Without craftsmanship, inspiration is a mere reed shaken in the wind.” - Johannes Brahms

## Summary

6 years of experience in backend/infrastructure, web and mobile development. A nerd who loves interactive and explorable programming, obsesses in optimizing his development environment along with his (evil-)Emacs workbench. Always curious and constantly seeking out for a better representation medium of challenging concepts.

## Work Experience

### EgoPulse

HCM, Vietnam

FULLSTACK DEVELOPER (EMPLOYEE #1)

Nov. 2016 - PRESENT

- 📋 Project: **Geniocare** - A modern web-based Electronic Health Record system attempting to radically change Germany digital GP medical treatment process. The pilot project is serving thousands of patients with over 100 doctors requesting for membership.
- ⚙️ Techs: Kotlin, Clojure, Java, Python, Rx, Vertx, RethinkDB, Docker, Rancher, JavaScript, TypeScript, React, Redux, ...
- Built internal frameworks (IoC container, RethinkDB Rx-driver, RESTful framework, reactive architecture) and infrastructure with Docker, CircleCI, Rancher).
- Architected and implemented the rule engine to detect potential deficiencies in medical procedures and diagnoses.
- Participated in design and co-developed both the doctor's web interface and the patient's iOS app.
- Wrote several in-house tools with Python / Jupyter Notebook and Clojure.

### Atlassian

HCM, Vietnam

SOFTWARE ENGINEER

Aug. 2016 - Oct. 2016

- 📋 Project: **Jira Service Desk** - Atlassian's own solution for help desk, built on top of the well know Jira platform.
- ⚙️ Techs: Clojure, Java, ...
- Make early design and implementation of a integration test DSL.
- Implemented several features on JIRA Service Desk.
- Won a 3rd price in the company's Hackathon.

### Simple Solution

HCM, Vietnam & Singapore

LEAD DEVELOPER

Jan. 2014 - Feb. 2016

- 📋 Project: **Commstree 4** - A communication system that powered SEA Games 2015's collaboration of over 17,000 volunteers
- ⚙️ Techs: Java, Python, Spring, Vertx, ...
- Implemented distributed backend of a messaging system.
- Troubleshooted and did performance optimization on other web backends.
- Gained skills in Java/JVM and backend infrastructures in general.

### ItsyBits

HCM, Vietnam

MOBILE DEVELOPER

Nov. 2013 - Dec. 2013

- 📋 Developed several mobile application and game titles on iOS and Android: **FICO Missão: Positivo**, **Banc-it**, **Dove Yeu Toc**.
- ⚙️ Techs: JavaScript, ObjC, Lua, Sencha, jQuery Mobile, Corona SDK, ...
- Gained skills in native and hybrid/web mobile applications and games.

## Presentation

### BarcampSaigon

F-Town, HCM Vietnam

PRESENTER FOR <GAME DEVELOPMENT IN 30 MINUTES>

Sept. 2012

- Introduction to game development, with 30 minutes for a complete game from scratch.

### Techcamp

RMIT University, HCM Vietnam

PRESENTER FOR <INTERACTIVE DEVELOPMENT WITH VIM>

Mar. 2014

- Demonstration of live coding tight feedback loop in ordinary development tasks.

## Extracurricular Activity

### TTH Team (Hobbyist game dev)

MEMBER

- Conducted workshops and helped each other to actually deliver.

## ClojureEast

FOUNDER

- Organized occasional meetups and reading groups.

## Education

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**HCMC IU (International University)**

COMPUTER SCIENCE AND ENGINEERING

*Ho Chi Minh City, Vietnam*

*2008 - 2010*

## Skills

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**Programming** JVM-Java/Kotlin/Clojure, JS-Node/DOM, Python, Lua, C#

**Frontend** React, Redux, HTML5/CSS

**Backend** Rx, RethinkDB

**Mobile** Unity3D, Love2D, CoronaSDK

**Languages** Vietnamese, English