

Duy, Tran Thanh
Software Engineer



SUMMARY

- I have total 8 years of working experience, work as full stack software engineer, team leader and mentor for members. Mostly with Web-based application, application design and requirement clarification.
- Learn, Learn and Learn. It is my core attitude.

TECHNICAL SKILLS

- **Confident to work on:**
 - **Database:** SQL
 - **Programming Languages:** Java, JavaScript, HTML, CSS
 - **App Server / Middleware:** Tomcat, SVN, GIT, JBOSS
 - **Tools:** Selenium, Junit, JMeter, Jenkins, SonarQube, Crucible
 - **Frameworks:** Spring: core, Spring MVC, Spring data, Spring security, AngularJS, Hibernate, JPA
 - **Web Service:** REST
 - **Architects experiences:**
 - Start-End
 - Bus
 - Centralized application
 - Distributed modules/components
- **Already work with and know what they are:**
 - **Database:** NoSQL: mongoDB, ElasticSearch, Graph Database: Titan, Neo4J
 - **Programming Languages:** Python, C, C#, PHP
 - **App Server / Middleware:** HornetQ, ActiveMQ, Glassfish, Dockers
 - **Testing Tools:** Selenium, Junit, JMeter
 - **Frameworks:** Grails, MEAN stacks, PhalconPHP, Bootstrap CSS, J2EE platform
 - **Web Service:** SOAP, JMS
 - **Architects experiences:**
 - Micro Services
- **IDEs:** IntelliJ, Netbean, Eclipse, STS, Vim, Memory Analyzer (MAT), JConsole
- **Operating Systems:** Window, Linux, Mac
- **Foreign Languages:** English

- **Soft Skills (working fluently with team size between 6 to 8 members):**

- Project planning for the whole project, patches for production
- Ability to break down tasks, estimation and timeline management
- Resource allocation, balancing
- Goal setting and give the evaluation for members to higher manager
- Able to explain technical problems to stack holders
- Presentation skill: Technical training, sharing

EDUCATION & CERTIFICATION

- **FPT-APTECH** – Higher Diploma Certificate
- **Harvard** - Open Course: CS50 (self-study)
- **UDACITY** - Machine Learning (self-study)
- **UDACITY** - Intro to Computer Science (self-study)
- **UDACITY** – Responsive Web Design Fundamental (self-study)
- **Mule Soft** – Mule Soft Development Fundamentals (self-study)
- **Books I read:** The Passionate Developer, Pragmatic Thinking and Learning, Clean Code, Test-Driven Development, OCP_JAVA_SE7, Head First Design Patterns, The Pragmatic Programmer, JavaScript The Good Parts, Introduction to Algorithms, The Algorithms Design Manual, Competitive Developer

PROFESSIONAL EXPERIENCE

2016/09 – Now:

Technical Leader & Project Manager: FPT SOFTWARE

- **Project Description: CapitaStar (Singapore)**
CAPITASTAR is the Multi-store, Multi-mall Card Less Rewards Programs by CapitaLand Mall Asia.

With no membership fee, no expiry and no hassle of carrying a physical card, CAPITASTAR gives you benefits on top of any existing rewards and cards programs. Simply shop and spend a minimum of \$20 at any stores within our 15 participating CapitaLand Malls!

- **Responsibilities:**
 - In charge to lead a team and implement REST APIs to provide data for Mobile Application
 - In charge to make portal web application to provide user interface for client to let them control and input data.
 - Design standard Communication between Mobile Application and REST API backend
 - Manage tasks of team, timeline, solutions review and make decision
 - Source code control to make sure scope of releases have required features
- **Technologies:**
 - Front-end: JSP, AngularJS, JQuery, HTML5, CSS.
 - Back-end: Java, C#, Spring, Spring MVC, RESTful Service, Hibernate, JSON, XML, Maven, Log4J, Hibernate, MSSQL, Azure Cloud, Azure NoSQL database.

2016/01 – 2016/09:

Technical Leader & Scrum Master: FPT SOFTWARE

- **Project Description: One Vision Portal (New Zealand)**
One Vision client has old application web based on .Net and Silverlight. The problem they are facing that Silverlight is going out of supported and Application seen very slowly because of all data has been loaded to Silverlight as beginning of application started. They decided to migrate to HTML5/JavaScript for Front-End. We proposed to client to use: HTML/AngularJS/KendoUI to full fill it.

- **Responsibilities:**
 - Design project structure, make standardize way to implement component in AngularJS

- Design standard Communication between AngularJS and API backend
- Manage tasks of team, timeline, Scrum Master
- **Technologies:**
 - Front-end: KendoUI, AngularJS, CSS, HTML5, JQuery
 - Back-end: C#, .NET, MSSQL, Azure Active Directory, IIS, ASP.NET MVC

2015/09 – 2015/12

Solution Architect: FPT SOFTWARE

- **Project Description: Metadata Acquisition and Distribution (USA)**
MAD application operates on programs provided by different vendors, loads and processes the programs and celebrities, manipulates the images, stores and copies the images to the disk. It also generates the stream copies for EPO, BIO and GO for TSI/APG processing and XML output files for Directv.com.
- **Responsibilities:**
 - Implement enhancement for current system.
 - Contribute ideas, design to improve system
 - Migration CVS to SVN repository
 - Concurrency processing
 - Memory analysis and leaked issues
- **Technologies:**
 - Back-end: Spring framework, Spring MVC, MySQL, ActiveMQ, Neo4J, Hibernate, REST API, Concurrency Processing

2014/01 – 2015/09

Senior Team Leader: SIMPLE SOLUTIONS TAIWAN VN

- **Project Description: Commstree 4.X (Singapore)**
Collaborate with Tech Mahindra's company; develop a Communication & Event management system for Sport Council's Singapore Government. Serve for **28th Southeast Asian Games**.
- **Responsibilities:**
 - Team management, cooperate with PM, Product owner for requirement, plan
 - Tracking team member
 - System design, Technical support for team, Review code
 - Onsite technical support
- **Accomplishments:**
 - New framework to learn and start with. We used Spring Boot for our Commstree.
 - Work with Technical Architect for whole system the design.
 - Worked closely with project manager for development process, issues tracking and management.
 - Spring framework issues support.
 - Make the project stable with multiple modules integration.
- **Technologies:**
 - Back-end: Spring Boot, Spring security, CAS(Central Authentication Service), AWS services, Hibernate, Spring MVC, MySQL, Load Balancer
 - Front-end: CanJs, AngularJs, JQuery, JSP

2013/01 - 2013/12

Developer and Team leader

- **Project Description: Commstree 3.X(Singapore)**
Incident System and real time RSVP report for Sentosa. Provide a board and report tools for Sentosa operation to control, report, and monitoring their Incidents.
- **Responsibilities:**
 - Cooperate, communicate with Product Owner for scope, requirement
 - System design:
 - o Design modules for application
 - o Dependencies management

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- Project structure initial
 - Team Management
 - **Accomplishments:**
 - Dependencies is a big thing need to careful analyzed
 - Automation test and unit test save our life
 - Clean code and Clean components design make application beauty and easy to maintenance
 - **Technologies:**
 - Back-end: Java, Spring, Hibernate, Spring, Spring security, Spring MVC, MySQL, Elastic Search
 - Front-end: JavaScript, JSP, JQuery, HTML, CSS

2011/02 – 2013/01

Developer and Team leader

- **Project Description: Commstree version 2.X(Singapore)**
Profile management & appointment System for CME (NUS Centre for Molecular Epidemiology).
- **Responsibilities:**
 - Acting as Project Manager
 - Team management to accomplish tasks
 - Application Components design and implementation
- **Technologies:**
 - Back-end: Java, Spring, Spring MVC, MySQL
 - Front-end: HTML, JSP, GSP, JavaScript, JQuery

2008/08 — 2009/08

Research and Innovation

- **Project Description:**
Research for new technology
- **Responsibilities:**
 - Research and Innovation member
- **Accomplishments:**
 - Know how to research and practice on unknown thing
- **Technologies:**
 - Back-end: Grails, Hibernate, MySQL