

## TUAN ANH HO DIEN

Computer Engineer

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### SUMMARY

As a curious boy, I usually attracted with problems and try to solve them with logical thinking to continuously improve myself day by day. J2EE is also the strong tool for implementing the ideas in case of business intelligence, the advantage of J2EE support helps me to maintain and enhance company software with the aim of improving operational functionality in line with business requirement.

As the computer engineer, I expect the real business professional management style to develop my career and improve logical thinking day by day.

### TECHNICAL SKILLS

- Programming Language: Java.
- Frameworks and libraries: Hibernate, Maven, J2EE, Spring Boot, Spring Core, EJB, JSF, Jasper, Stanford NLP.
- Database: SQL, Oracle DBMS.
- Server: JBOSS, Tomcat.
- Cloud computing: Open Nebula Project.
- Testing tool: JMeter.
- Source version control: Git, SVN.
- Other: Sakai Project, Linux, Murex 2.11, Murex 3.1.

### EDUCATION & PROFESSIONAL CERTIFICATION

Bachelor of Computer Engineer, Computer Engineering (ABET Accredited), Ho Chi Minh University of Technology – Vietnam.

GPA: 7.61/10, Honor Program.

### PROFESSIONAL EXPERIENCE

**May 2019 – Present**

**Software Engineer – FPT Software, HCM City, Vietnam**

**Project Description:**

- AIA is the large insurance company worldwide, work on AIA Vietnam's projects, our main task is implementing the simulation contract for Insurance products and riders, then the customer can review the contract before officially signing.

**Responsibilities:**

- Design API and response message between Back-end and Front-end for “Mile Insurance” program to run each year.
- Building API integration test by using JMeter.
- Research and build encrypt-decrypt technique to communicate between Back-end and Front-end.
- Fix bugs of old system and enhance new features of current system.

**Team size:** 5 members.

**Technologies used:** EJB, JSF, JBOSS Server, Spring Boot, Spring Core, Java Core, Java EE, Oracle DBMS, JMeter, Git, SVN, Jasper.

### **September 2015 – June 2017**

#### **Database Developer - Upskills Pte, HCM City, Vietnam**

##### **Project Description:**

- Murex is a capital markets position keeping tool capable of managing straight through processing front to back office. In bank, Murex System performs better by supporting upgraded software. Project mainly focuses on migration of bank’s database in order to export daily/ monthly/ yearly reports bases on Murex integrations.

##### **Responsibilities:**

- Murex integration stream including reporting (Datamart)
- Oracle DBMS migration from Murex 2.11 to Murex 3.1
- Integration on many products such as FXMM, Derivatives, IRS, Bond, Repo, LN\_BR ,etc.
- Integration on all relevant data for reporting such as cashflow, payments/deliverables, accounting, MLC, risk matrix, simulation, SSI, liquidation, market data, etc.

**Team size:** 10 members.

**Technologies used:** Murex 2.11, Murex 3.1, Oracle DMBS, Git.

### **July 2014 – February 2015**

#### **System Engineer – Faculty of Computer Science & Engineering, University of Technology, HCM City, Vietnam**

##### **Project Description:**

- Virtual Lab allows students to practice their labs in various OS and programming languages. It also manages student works, assignments to define learning results.

##### **Responsibilities:**

- Researching how to integrate with Sakai system, a Collaboration and Learning Environment.
- Researching how to integrate with Open Nebula system, an Open Source Cloud Computing.
- Design and Implement Virtual Lab components and then integrate them with the existing Open Nebula and Sakai.
- Demonstrate the automation algorithm for allocating Virtual Machine for student on lab practicing.

**Team size:** 3 members.

**Technologies used:** J2EE, Tomcat, Hibernate Frameworks, SQL, XML-RPC Frameworks, external libraries to connect with Open Nebula and Sakai.

### **June 2014 – August 2014**

#### **Machine Learning Researcher – TMA Solutions, HCM City, Vietnam**

##### **Project Description:**

- Review Analyzing System demonstrates the positive/ negative of customer’s review; the company can evaluate the weak feature of their own product bases on the rate from the System.

##### **Responsibilities:**

- Defining task and separate roles for team member.
- Evaluating the positive/ negative of simple review sentence.
- Review sentence and demonstrate which is positive/ negative for customer service.

**Team size:** 4 members.

**Technologies used:** J2EE, Stanford NLP Frameworks.

## Certifications

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[Better Leader, Richer Life](#)

[Computer Networking](#)