

Hoa Nguyen



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Male – 29 – Married

Java Tech Lead / Java Senior Developer

A highly motivated and enthusiastic person with a deep knowledge of software architecture. Very good at programming and software design pattern.

- Have 6+ years of experience in Java and Software Development
- Have 3+ year of experience in L3 Support for banking applications
- Have 1+ year of experience in Big Data
- Fluent in English and French

EDUCATION & QUALIFICATION

09/2011 – 08/2012 **Pierre and Marie Curie University (UPMC)**, Paris, France

- Master of Science, Computer Science.

09/2006 – 06/2011 **Hanoi University of Science and Technology (HUST)**, Hanoi, Vietnam

- Bachelor, Computer Science with distinction grade (8.20/10 - **top 5%**)
- Second Prize in HUST Scientific Research contest.
 - + The annual research contest organized by Hanoi University of Science and Technology.
 - + Implemented a topic-oriented crawler for Vietnamese language based on Hadoop.
- HUST Scholarship for outstanding students.
- Scholarship of French university organization (AUF) for outstanding students.

PROFESSIONAL EXPERIENCE

05/2015 – now
Technical Lead

Pentalog (with Givaudan client), Hanoi, Vietnam - <http://www.pentalog.com/>

- Responsible for the technical aspect of Java projects.
- Proxy Product Owner between clients and the dev team.
- L3 support for production issue.
- Lead a Givaudan's \$2 millions project from failure to success.
- Setup the Project Architecture, the Test Architecture, the CI process, Agile process, Coding convention... for dev team.

01/2014 – 05/2015 **UBS**, Singapore - <https://www.ubs.com/global/en.html>

System Analyst
L3 support

- Support APAC and EMEA clients to use client-onboarding tools.
- Investigate production issues then:
 - o Provide hotfix using SQL queries within 24h.
 - o Give the bug analysis and suggested solution to offshore dev team in Poland and Kiev.
- Business trip to London to support EMEA team during end of fiscal year (09/2014).

05/2013 – 12/2013 **FPT Software (with IBM Client)**, Hanoi, Vietnam - <http://www.fpt-software.com/>

Senior Developer
Team Leader

- Lead the team to implement projects using J2EE framework: Struts, SpringMVC. Maintain Coverage rate >80%.
- Review code for other team members.
- Proxy Product Owner between client team and dev team.
- Translate requirement from French to English, writing Technical document.

01/2012 – 05/2013 **Télécom ParisTech**, Paris, France - <http://www.telecom-paristech.fr/>

Senior Developer

- Parallelize the multimedia data processing using Hadoop MapReduce.
- Implement client side version of the Multimodal Architecture and Interfaces (MMI) introduced by W3C.
- Implementing the text to speech, speech to text and gesture recognition modules to facilitate the human-computer interactions in MMI architecture.

SKILLS

Technical	<ul style="list-style-type: none"> - Experienced Java Developer and Java EE framework (Spring, Struts, Hibernate) - Experienced in Software Development (Kanban/Scrum, TDD, Software Design Pattern) and in building highly scalable, resilient applications. - Can work effectively with versioning (Git, SVN) and automation (Maven, Ant) tools. - Experienced in Database (Oracle, DB2). - Familiar with Linux and common shell commands. 			
Communication	<ul style="list-style-type: none"> - Fluent in English, French. Can communicate effectively with clients in Verbal, IM, and Mail. - Good at presentation skills. - Vietnamese native speaker. 			
Rating	Java Core	9/10	Unified Modeling Language	8/10
	Unit Test	9/10	Design patterns	8/10
	Java Script	8/10	Agile and Software Development	8/10
	HTML/CSS	8/10	Communication/Contact Point	9/10
	SQL Language / Oracle	8/10	Scrum, Continuous Deployment	9/10
	Spring and Hibernate	8/10	Git/Maven/Ant	8/10

PROJECT LIST

Givaudan-Art (08/2015 – now)

Givaudan (<https://www.givaudan.com/>)

Project Description	<ul style="list-style-type: none"> - In Givaudan, ART (Application Recipe Tool) helps to manage recipes, ingredients and flavors. When a client requires some flavors and gives us the description, the description will be passed to ART (and related applications) for processing. - The job of the whole application is to figure out appropriate recipes along with its ingredients/flavors then give it back to the client. 			
Responsibilities <i>Technical Lead</i>	<ul style="list-style-type: none"> - Lead this \$2 millions project from failure to success. - Working with Singapore Givaudan ART team as a contact point (Proxy PO) - Weekly Meeting with end users (APAC, EMEA, NOAM and LATAM) to get new product requirements as long as feedbacks of previous features. - Involving in Release Planning: Refining features, Grooming Product backlog - Applying Scrum framework and coaching team member to follow Scrum. - L3 support and fixing Production bugs - Take care of the technical aspects of the project <ul style="list-style-type: none"> o Set up the CI system with Jenkins, Git, Ant o Setup the Test environment for frontend (Karma, Mocha) and backend (JUnit, Mockito) 			
Technologies and Tools	<ul style="list-style-type: none"> - Java, HTML/CSS, Spring MVC, WebService, Hibernate, Oracle, Apache Tomcat. - IntelliJ, Git, Ant, Jenkins, Jira, Stash, Sonar. - Scrum, TDD, CI 			

BackofficeOrange (05/2015 – 07/2015)

Orange (<http://www.orange.fr/>)

Project Description	<ul style="list-style-type: none"> - BackOfficeOrange is a set of Java backend projects to deal with hosting services at Orange (a French operator). - Requests from Front End for hosting service, domain service will be passed to BackOfficeOrange and then processed at this backend system. 			
Responsibilities <i>Senior Developer</i>	<ul style="list-style-type: none"> - Meeting with client to collect their requirements and translate them into User Stories 			

<i>Technical Lead</i>	<ul style="list-style-type: none"> - Work with the team to define technical architecture for critical modules. - Define the coding convention, write technical documentations and review code for other team members. - Make sure the team follows agile process (brainstorming, coding, testing, meeting...)
Technologies and Tools	<ul style="list-style-type: none"> - Java, HTML/CSS, Spring MVC, WebService, Hibernate, MySQL, Jboss. - Eclipse, Git, Maven, Jira, Bamboo, Stash, Sonar. - Scrum, TDD.

COT (Client Onboarding Tools) / EM (Entity Master) / Admin (02/2014 – 04/2015) **UBS Investment Bank** (<https://www.ubs.com/global/en.html>)

Project Description	<ul style="list-style-type: none"> - These three projects – COT/EM/Admin – are part of a bigger project AO (Account Opening). - COT Project mainly deals with vetting client information included financial info, risk info, jurisdiction info... COT is triggered during account opening, periodical review, or client amendment process. - EM is the Master Database for the whole AO project. Most of client information of AO is supposed to be in EM. Vetted info from COT (and other sources) will also be flown down to EM. - Admin is a project to control user permission throughout AO project. User permission should be granted via Admin.
Responsibilities <i>System Analyst</i> <i>L3 Support</i>	<ul style="list-style-type: none"> - Support APAC and EMEA end users (mail or phone call) to use COT and EM applications. - Investigate COT and EM production bugs then provide workaround using SQL scripts - Provide analysis, test scenario and step to reproduce for production bugs to offshore dev team. - Write SQL scripts to extract data for business departments. - Maintain user permission on prodlike/sit/uat/dev environments via Admin.
Technologies and Tools	<ul style="list-style-type: none"> - Java, JQuery, JSTL, HTML/CSS, Spring MVC, WebService, Hibernate, Oracle, Jboss - IntelliJ IDEA, Toad, Git, Maven, Jira, Stash, Sonar. - Scrum, TDD.

GIB (Gestion de l'Inventaire de Bromont) / DIT (Déclaration Individuelle du Temps) / KIT (04/2013 – 02/2014) **IBM Bromont Canada**

Project Description	<ul style="list-style-type: none"> - GIB and KIT are responsible for managing chips and its related items during chip manufacturing process at IBM Bromont Factory. - DIT – as its name specified – dealing with time management.
Responsibilities <i>Senior Developer</i> <i>Team Leader</i>	<ul style="list-style-type: none"> - Lead the team to implement projects using J2EE framework: Struts, SpringMVC. - Discuss with clients to collect requirements. - Translate French requirements into English version, write technical documentations - Review Code.
Technologies and Tools	<ul style="list-style-type: none"> - Java, JQuery, Dojo, JSTL, HTML/CSS, Spring MVC, Hibernate, Oracle, WebShpere. - Eclipse, Git, Maven, IBM Rational Team Concert, Stash, Sonar. - Kanban, TDD.

MUMA (Multimedia Using MapReduce) (10/2012 – 03/2013) **Télécom Paristech**

Project Description	<ul style="list-style-type: none"> - MUMA uses Map Reduce to parallelize multimedia data processing.
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Responsibilities <i>Senior Developer</i>	<ul style="list-style-type: none"> - Implement Parallelizing algorithms using Google App Engine. - Benchmark different algorithms and then write the report.
Technologies and Tools	<ul style="list-style-type: none"> - Java, Hadoop MapReduce HTML/CSS, Hadoop MapReduce, Google App Engine. - Eclipse, SVN

SOA2M (Service Oriented Architectures for pervasive environment) (04/2012 - 10/2012) **Télécom Paristech**

Project Description	<ul style="list-style-type: none"> - This project implements the Multimodal Architecture and Interfaces ¹ (MMI Architecture – developed by W3C since 2005) by the Multimedia Group, TSI Department, Télécom Paristech.
Responsibilities <i>Senior Developer</i>	<ul style="list-style-type: none"> - Implement the communication mechanisms between components of MMI architecture. - Implement the MMI messaging mechanism and interaction life cycle.
Technologies and Tools	<ul style="list-style-type: none"> - Java, JavaScript, HTML, CSS, MPEG-4, video encoding/decoding, Tomcat. - Eclipse, Aptana Studio, Flash Builder. - SVN.

Topical Vietnamese Search Engine (10/2010 - 05/2011) **Hanoi University of Science and Technology Lab**

Project Description	<ul style="list-style-type: none"> - Due to the differences in grammar, language structure and syntax between Vietnamese language and Western language, Google seems not to be effective enough for handling Vietnamese language. - This research project addresses this problem by proposing an implementation of a search engine for Vietnamese language based on the open source search engine Nutch.
Responsibilities <i>Developer</i> <i>Group Leader</i>	<ul style="list-style-type: none"> - Implement a specialized crawler for Vietnamese search engine based on the Nutch open source search engine. - Write researching paper.
Technologies and Tools	<ul style="list-style-type: none"> - Java, Hadoop MapReduce, Amazon EC2, Amazon S3. - Eclipse and SVN.

OTHER

Favorite Communities	<p>Reading and Traveling.</p> <p>LinkedIn - https://www.linkedin.com/in/nxhoaf</p> <p>Stackoverflow - http://stackoverflow.com/users/619860/nxhoaf</p> <p>Freelancer - https://www.freelancer.com/u/nxhoaf.html</p>
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**References available upon request*

¹ http://en.wikipedia.org/wiki/Multimodal_Architecture_and_Interfaces