



Reflection Essay 2

Quoc Lap Trieu - 19263045

Question 1.

a. List skills and abilities for the job

- Teamwork skill, communication skill, time management skill.
- Having experience in Java programming
- Familiar with different technologies such as Spring framework, JPA, Hibernate, web services, etc
- Having experience in data analytics
- Familiar with mock-up and J-Unit testing
- Used to working in an Agile environment
- Good at Relational Database, SQL functions, and procedures

b. Attach image

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Java J2EE Developer - JSF, Data Analytics

Robert Walters

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7 Jun 2018
Sydney
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 Developers/Programmers

Java J2EE Developer - JSF, Data Analytics

This is an amazing opportunity to join a dynamic team of eight in a NSW Government department based in Parramatta as a Java Developer on a contractual basis. This role involves development and support of IT applications to support the business objectives.

About the company

One of the largest NSW Government Departments offers a Java J2EE Developer role within their Enterprise Systems Business Unit based in Parramatta, responsible for the development, support and improvement of various business applications. This is an attractive workplace with a focus on work-life balance.

Key Responsibilities

- Design, develop and maintain large and complex IT applications in JEE, Relational Database or SOA environment
- Deliver improvements and enhancements to the applications in order to support business objectives
- Test application accessibility features
- Key responsibilities of Java Developer are the Tech Lead and Team Lead
- Work within the Enterprise System Business Unit
- Data Analysis and reporting

Key requirements

As a Java J2EE Developer you will have experience with:

- Designing, developing and maintaining complex applications in the JEE/Relational Database/SOA environment
- JEE 6/9, JSP, JFC, servlets, EJB, JMS and prime faces
- Struts, spring frameworks, XML, XSLT, JAXR, web services, RESTful, JAX-WS
- Hibernate, JPA, JBoss 5/7
- writing SQL, procedures, functions
- mock up and UML testing
- working in an Agile and/or Iterative environment
- Experience in testing application accessibility features and JBoss 7/6/4 a Analytics is most desirable.

This is a contract position for an initial 6 month engagement with opportunity of extension starting ASAP.

To apply please click apply or call Maureen Ellings on [01232893179](tel:01232893179) for a confidential discussion.

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Figure 1. Advertised Job (Walters, 2018)

Source: <https://www.seek.com.au/job/36417634?type=standard>

c. Cover Letter

Quoc Lap Trieu

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05/06/2018

Maureen Elhage

NSW Government department
Parramatta, Western Sydney
+(61) 2 8289 3179
maureen.elhage@robertwalters.com.au

Dear Ms./Mr. Maureen Elhage,

I'm writing in response to your recently advertised position for a Java J2EE developer. I had finished my Bachelor of Computer Science degree in last year. At the moment I am studying Master of Information and Communications Technology (Advanced). I am really interested in this opportunity to work with you and your team and I believe that my qualifications, education, and professional experience would make me a strong candidate for your company.

As you can see, I had a chance to join the *SmartAgri* project as an intern student for Global CyberSoft during the end of my third year in June 2015. It is a project which was transferred from the Hitachi company. The application aims to apply IoT in helping users easier to manage their farm and increase their productivity. The project includes Spring framework using web services RESTFUL that provides APIs for the clients which are web and mobile applications. Because of that, I believe that I've had plenty of experience working on Spring framework, Hibernate, JPA as well as writing SQL procedures and functions. I also worked as a part-time in an Agile environment for a start-up company during my final year in the university, so I've built up a good background for project development as well as Java programming.

As a student graduated from the background in Computer Science, I have some experience in the research area. I also have two publications focusing on analyzing data for classification. As a result, I am more familiar with many techniques as well as experience in processing data. Because of that, I have confidence in taking the position relating to the field that you require.

While pursuing my degree in undergraduate and working for different companies, not only I acquire new knowledge, I have also developed skills in various aspects. Working as a team from 5 to 6 members gains me the opportunity of gradually improving my teamwork skill. Working directly with my supervisor as well as together with my team member requires me the

ability to improve myself and also enhances my communication skill significantly. Delivering products on time teaches me how to manage my time reflexively in the workspace.

As a developer, I enjoy coding and learning new technologies, I firmly believe that I can be a valuable asset to your team.

I welcome the opportunity to speak with you more about this position at your convenience. Thank you in advance for your consideration.

Sincerely,

Quoc Lap Trieu

d. Résumé for the position

Profile

My name is Lap Quoc Trieu, I'm from Vietnam. At the moment, I live at 28 Sphinx Avenue, Padstow, NSW 2211, and my outlook address is tqlap@outlook.com. My phone number is (+61) 450 864 670.

Education

From 2013 to 2017, I have finished my Bachelor of Computer Science degree with GPA of 3.78/4 at the University of Science in Vietnam. Starting in the year of 2018, I'm studying Master of Information and Communications Technology (Advanced) at the University of Western Sydney for a period of 2 years.

History

- Starting from May of 2016 to September of 2017, I started to work as a part-time developer for SmartApp during the final year of my undergraduate. It is a start-up company that develops its own software products and provides IT solutions for clients as well. The *USurvey* project has been implemented with the server and web application for nearly a year. The project is to help users earn money by doing surveys provided by the application. When submitting a survey, user will receive the points corresponding to that survey. After obtaining sufficient amount of point, users could be able to exchange money using the points they earn. My task as a front-end developer was to implement the mobile software from scratch based on the existing web application for Android and IOS platform. In order to reduce the time for mobile development, my team chose React Native framework to implement a cross-platform mobile application that supports both Android and IOS version. I worked under the instruction of a senior developer that has plenty of experience on programming. Using that as an advantage, I was able to learn as much as I could by trying to ask him various questions.

- Learn new knowledge such as React Native framework, new SQL language, etc

- Improve teamwork skill
- Improve time management skill

- In June 1st of 2015, as a requirement of graduating my Bachelor of Computer Science degree, I started to work as an intern during the period of 4 months for the company of Global CyberSoft (GCS) in Vietnam. It is an outsourcing company that provides IT solutions for customers around the world. The company was established in California in 2000, and since 2014, the company has been under the management of Hitachi Consulting Corporation in Japan (CyberSoft, 2014). At first, I was assigned as a back-end Java developer for the *SmartAgri* project. My task was to implement functions as well as its Unit test in server Spring Framework to provide Application Program Interface (API) for the clients which are the web and mobile application. During the process of project development, I was also assigned as a front-end developer to implement the web application for the project. My task was to focus on fixing bugs in the web and integrating new APIs in a server with the web application.

- Practice and learn new skills about Java programming
- Understand how to work in a company
- Learn new knowledge: Spring framework, new SQL language etc
- Improve teamwork and communication skills

Awards

- In March 2018, I received the scholarship of Vice-Chancellor's Academic Excellence Postgraduate for my master course at the Western Sydney University. The scholarship covers fifty percent of my tuition fee in the university during the period of two years (University, 2018).

Publications

- "Document Sensitivity Classification for Data Leakage Prevention with Twitter-based Document Embedding and Query Expansion" is my second paper, which was also published at the end of 2017 in proceedings of CIS. The paper focuses on developing a new solution for classifying sensitive documents. The sole purpose is to protect private documents from other parties by classifying and filtering them using document embedding technique.

- My first paper, "News classification from social media using twitter-based doc2vec model and automatic query expansion" in proceedings of SolCT, published in 2017 during the final year of my undergraduate. The paper is about proposing a new method for classifying the content of news into different topics based on doc2vec model and query expansion technique that I learned in my thesis.

Interests

- Reading Book: Whenever I have leisure time, I usually spend my time reading my favorite books. The books are usually about self-improvement since it helps readers live a successful life by guiding them the way to achieve their ambition. Sometimes, I also read light novels as a way to help me entertain after being under the pressure of studying. My favorite book of all the time is "How to Win Friends and Influence People" of the famous author, Dale Carnegie. The book focuses on teaching me the skills as well as the primary principles of communication in order to be able to influence the others.

- Listening to music: I also choose to listen to music as an effective method of not only relaxing my mind but focusing on my tasks as well.

- Self-learning: Whenever I feel bored or do not know what to do, I often spend my time on finding new objectives to learn. Sometimes, I learn how an application is implemented by decompiling the source code of the software and read its structure. I also modify the functionalities of the application so that it could fit my purpose. I choose the method of finding an objective and then implementing an application to accomplish it as a way to for me to practice and learn new knowledge.

Question 2.

The unit taught me a lot to do and to improve my skills in different areas. As an example, my communication skill was developed during the discussion of activities in class. The unit also provides me the opportunity to make new friends by forming groups and discussing with each other to answer the questions from the teacher. I believe that my writing skill was also significantly enhanced due to the assignments from the unit. Whenever I finished writing the assignment, I always figured out that I made a lot of mistakes in writing each time, so I had to review it several times to correct the grammar and structure errors as well as to strengthen my statements. Because of that, I learned how important it is for the proofreading process that I was taught in the lecture 4 about writing a report.

In addition to the skills I learned and practiced in this unit, I also obtained new knowledge in different aspects. I understood more about Project Management such as Gantt chart, Work Breakdown Structure (WBS), risk management etc. At the end of the unit, I and my group also worked together to do the risk management report and practiced it in the presentation. As a result, I learned more about the process of Risk Management for the selected topic and had a chance to practice with the Microsoft Project tool for the process of Project Management. Moreover, the unit also helped me to understand the difference between the two concepts, which are the code of conducts and code of ethics. Before the unit, I only knew a little about and I could not be able to understand as well as distinguish between the two. Thanks to the lecture 5, not only I could learn a lot about ethics and the code of conducts, I was able to practice it due to the assignment about the code of ethics. During the lectures, the guests were invited to speak about different topics such as risk management and ethics. Each of them had a unique story for the presentation. I was able to obtain more knowledge about the topic and the experience they shared with us.

In fact, in this unit, I was also able to realize my own weaknesses. I found it difficult to control my nervousness in the final presentation in front of the class. Due to my lack of skill in time management, I often procrastinated the assignments and only did it in the last few days before the deadline.

Overall, from my point of view, this unit provided me a great opportunity not only to obtain new knowledge, but it also helped me to enhance my skills in every aspect. I consider that as a huge benefit for my future career. However, I am aware that I still have plenty of skill areas to learn and improve. In the future, I would like to continue to practice my verbal and writing skill as I believe that it is essential skills in the workplace.

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