**Summary Report**

Role and Responsibilities:

My role in organization is to Plan, design and develop the applications based on the client requirements. I need to pair with Technical leads and Subject Matter Expert (SME) to discuss about the requirements and the implementation process of a feature request. Apart from that, I need to fix the bugs which are raised during testing phase by recommending a software solution that fit the problem.

Job training:

First, I was given a thorough training on Java technology which included Core Java and Advanced Java topics to develop java related applications and projects for 2 months. They thought me different types of frameworks such as Spring, Hibernate, Java Server Pages (JSP) etc. and on web services. After the completion of training, I was asked to prepare a Mini-Project and a short presentation on it using the topics taught during training program with a time constraint of 3 days. I thought to do on Student details portal which contains each and every individual information about their Assignment marks, Attendance and personal information. I have implemented it using HTML and SQL Database on an Apache Tomcat server by using a waterfall methodology and then I was asked to give presentation to senior developers who came to evaluate my performance and also projected it practically. Senior developers were impressed with my work done in short span of time and given me a positive feedback with grade ‘A’ for my mini project and also shared their thoughts on implementing it with different technologies. Later, I was asked to give an online exam which has cut-off marks of 60% and was cleared with a pass percentage of 81.

Job Experience:

After all the internal training and exams, I was selected for a project in a team of four. Senior developers used to give me an application knowledge transfer (KT) and then used to assign small tasks to perform on the project application. I was also asked to prepare a document on the topics they shared to test my understanding. Slowly, I was assigned with small tasks along with team members and asked me to come up with a solution. Even though they are manageable and cosmetic tasks, they are the result of inherent issues with the working code which needs in depth analysis and takes time. At the end, I used to perform impact analysis on all the functionalities and successful in delivering all the tasks assigned to me with quality.

My Daily tasks include fixing the bugs which are cosmetic defects and need to prepare document about the code changes made in fixing the defect for client reference. Apart from this, I need migrate the code changes from testing environment to production environment where it is ready for client testing and also used to send the report to whole team about the tasks information that will execute during the production time.

Critical incident:

The update on critical incident is we got a positive feedback from clients on a successful delivery of a project by meeting the target date with high maintenance. Our team received an appreciation mail from clients for getting this project up and running with a quality delivery. Client also expressed their excitement of this product which started to grow and mature into something awesome by mentioning the high numbers of policy written premium of around $60,000. By this incident, we are successful in gaining the client trust and customer satisfaction.

Challenges:

As my project involves lot of applications and multiple teams, I have faced lot of challenges. If any issue is raised by the testing team, then I made to work with multiple teams by setting up calls to explain how the issue is caused and recreation steps to analyze and resolve it. The guidance of my superiors and my debugging skills helped me to resolve the issue as earliest as possible.

Relationship with peers:

Working with senior colleagues helped me to accomplish my tasks smoothly. There is lot of positive motivational force with in the team by supporting each other at tough times. We often celebrate our accomplishments by sending an appreciation mails which used to build our confidence levels. We used to conduct team building activities with different application teams for every quarter of a year and also used to go out to lunch which helps to improve communication and collaboration.

Internship Preparation:

I have a two year of experience in the software field in India and worked as developer in cognizant company prior to internship. I also gone to Microsoft office suit courses and completed certification on it which helped me to quickly adapt to computer programs during internship program. Elective subjects on computer languages during graduation helped me to gain considerable knowledge on program development. All these together made me strong in building my computer skills and helped in completion of internship program successfully.

Evaluation of internship

The amount of training that I had gone through during the internship has changed my thought process. The trainer used to provide his feedback for each of my task and explains me where I had gone wrong in the analysis and what I should have done instead. This feedback helped me to think beyond the box and come out with a solution. The challenges which I faced during the internship helped me become expertise in some technologies which would increase the system reliability and maintainability.

Best part of internship

The best part about of my internship is that I get to know about latest technologies and its best methods of implementing a task. Some of the sample case studies helped me to get a lot of hands-on experience and implement those best practices at work. The strategies that I explored in class have helped me to get through tricky tasks by analyzing in plenty of different ways and to come out with a best suitable outcome. At my internship, I have improved my skills by trial and error method and learnt the things by following three methods such as plan, design and implement. This practical experience will build one’s confidence level and strong analytical skills to solve a problem with best possible solution.

Certainly, I will encourage other students to do an internship because it will get a lot of hands-on experience and it will never feel them doing first time when they enter into job market. They will get to know new and advanced technologies in the market which would help them to develop the required skill sets to decide on a career path. Undoubtedly, I will recommend students to work in the company I interned as there is flexibility and will get an opportunity to work with different clients which will help them to develop professionally in their carrier. As they serve multiple clients, they expose to real work and get to know what exactly the business is seeking for and how to meet their targets within a given timelines. This experience will encourage them to accomplish the goal a lot more successfully.

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