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**INTERSHIP REPORT**

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**Student ID: 17110019**

**Instructor: Lê Văn Vinh**

**Hồ Chí Minh City 12 - 2020**

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# **Certificate of the company**

# **Instructor comment**

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# **INTRODUCTION**

After a period of study and research along with being considered, learned and practiced at FPT Software Software during the internship. With the help and facilitation of the leaders and the colleague in the departments helped the reporter to complete the general internship report at the company.

I would like to thank the teachers of the Faculty of Information Technology, University of Technology and Education Ho Chi Minh city - who provided the knowledge base of the information technology major. . Special thanks to Mr. Le Van Vinh, who guided and helped in completing this internship. Thank you very much.

Although I have tried my best, but due to the limited knowledge and experience, there are some mistake. I am looking forward to the comments, evaluation, and comments of the teachers in the faculty to make this project more complete.

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# **Chapter 1. COMPANY INTRODUCTION AND TASKS ASSOCIATED**

## **1.1 Company introduction**

FPT Software Company (FPT Software).



Established from 1988 up to now with 3 Headquarters of FPT Software located in Vietnam and some countries around the world such as the United States, Japan, Malaysia, Germany, Australia, Singapore, Malaysia, Thailand and the Philippines currently FPT Software. Meet the large outsourcing needs of more than 150 leading companies in 20 largest countries in the world today with large contracts sometimes reaching even 1 million USD for some major partners such as Hitachi, NEOPOST , Petronas, Deutsche Bank, and Unilever with more than 4000 employees worldwide.

FPT Software pursues software outsourcing to meet the IT development needs of domestic software firms and large domestic companies, and is more ambitious than software exports to the world. Foreigners know about FPT Corporation, the main purpose is to reach new heights through technology to improve labor productivity.

## **1.2 Reason and target for choosing FPT software company**

To fully prepare requirements for the implementation of upcoming graduation projects. The reporter decides to join the graduate internship to apply the knowledge learned at the school to the business and to hone and learn skills from the business to further strengthen his or her abilities in the future. .

FPT is a large company with a strong development history in Vietnam. This is a place to help the reporter can study and work to improve their individual and group abilities. Therefore, the reporter has chosen FPT as the place for the graduation internship.

## **1.3. Tasks associated**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Tasks** | | **Starting time** | **End time** |
|  |
| 1 | First meeting between Admin, trainer | Meet, visit, exchange information about internships, requirements and company rules for trainees. | Monday 13/07/2020 | Monday 13/07/2020 |  |
|  |
|  |
| 2 | Review all C # knowledge  from 170 videos of Fpt Academy  and drawing mind map to synthesize learned knowledge | 1. Introduce C# and VS studio. | Tuesday 14/07/2020 | Tuesday  19/07/2020 |  |
| 2. Developer CommandPrompt, DLL, config. |  |
| 3. OOP |  |
| 4. Identifiers – naming rules |  |
| 5. Datetime, String, Operator, Array |  |
| 6. Tuple |  |
| 7. If else, switch case, while for... |  |
| 8. File. IO. |  |
| 9. Exception |  |
| 10. Generic |  |
| 11. Delegate, event |  |
| 12. Anonymous, linQ, lambda expresstion |  |
| 13. Synchronize and asynchronous, thread |  |
| 14. Extenion method |  |
| 15. Anotation, null condition |  |
| 3 | Review results report presentation with slides | Presentation about process, program. | Monday  20/07/2020 | Monday  20/07/2020 |  |
| Presentation about thread, multiple thread. |  |
| Presentation about concurrency: multiple thread and asynchronous |  |
|  |
| 4 | Review HTML, CSS, Javascript, Jquery and get certificate at https://www.sololearn.com/ | 1. Review HTML, HTML 5 and draw mind map. | Tuesday 21/07/2020 | Thursday 23/07/2020 |  |
| 2. Review CSS, the syntax of drawing mind map |  |
| 3. Learn javascript, use DOM javascript, draw mind map. |  |
|  |
| 4. Learn JQuery, the basic syntax about Ajax in Jquery and draw map |  |
|  |
| 5 | Review ASP.NET Core Web API on https://www.edx.org/ | Review and practice writing simple CRUD APIs with get, post, put, and delete methods. | Friday 24/07/2020 | Friday 24/07/2020 |  |
|  |
| 6 | Apply knowledge learned to practice exercises assigned by the trainer. | 1. Use html, css and javascript only to control a cat (gif) to move up, down, left, right and automatically turn its head when touching the wall. | Saturday  25/07/2020 | Monday  27/07/2020 |  |
|  |
|  |
| 2. Create a weather forecast website, using the API of https://openweathermap.org/, following google weather forecast sample. |  |
|  |
|  |
| Interview for recruit in the health care unit (FHM.GHS) of the company and Successfully interviewed and admitted to the unit |  |
|  |
|  |
| **Join FHM.GHS as On-job-training (OJT):  Coding and testing with the ultrasound machine project (C/C++)**  **Working with FHM.GHS Unit , Refactoring team** | | | | |  |
|  |
| 7 | Setting up working environment | | Tuesday  28/7/2020 | Friday  25/09/2020 |  |
| 8 | Draw mind map for refactoring function | |  |
|  |
|  |
| 9 | Refactoring code | |  |
|  |
|  |
| 10 | Unit test, debug, using tool | |  |
|  |
|  |
| 11 | Write report, checklist  Customize code to release for customer | |  |
|  |
|  |

# **Chapter 2. CONTENT**

## **2.1 Before internship**

### **2.1.1 Internship contact details**

Through the introduction and information provided by Deputy Department of High Quality Training Nguyen Dang Quang, trainees actively registered and participated in the internship at FPT Software.

#### **2.1.1.1. Internship time**

Start day: Ngày 13 tháng 7 năm 2020

End day: Ngày tháng 9 năm 2020

#### **2.1.1.2 Student information**

Full name: Lê Tuấn Đạt

Phone number: 0961355348

#### **2.1.1.3 Employer information**

Company name: FPT Software Company (FPT Software).

Phone number: 0978998024

Admin name: Phạm Linh Đan

Trainer name: Đỗ Văn Tâm ( MR.IMG Team)

Project Manager name: Nguyễn Hoàng Tuyên ( MR.IMG Team)

### **2.1.2 Repair for internship**

Work activities should be ensured and clearly defined before joining on-site internships:

● Completed Internship Agreement / Contract. If you are your workplace's defined learner, you will need to discuss this with your workplace

● Check the names of the contact person and supervisor at your practice site

● Check the contact's name and details at your training facility

● Arrive at the workplace before the start of the internship, meet with your supervisor, confirm the start date and time (start and end), confirm the job description, check lunch arrangements, logistics and appropriate dress identification.

● Determine your travel plan

## **2.2 After internship**

### **2.2.1 Evaluation of learners**

After participating throughout the internship at the company, the implementer has achieved many results:

- Experience a professional, friendly and sociable working environment

- Apply subject knowledge during learning to work, to meet the requirements given by the trainer

- Learning the model of developing a complete software as well as new technologies

- Have more experience in coding and testing in real-life project

- Have experience in workflow of the real-life project

- Despite the internship during the Covid-19 pandemic, teamwork went well, especially work at home.

- Received very good support from the internship guide of the company as well as the members participating in the internship group.

# **Chapter 3. Conclusion**

I would like to thank the dedicated guidance of the trainers, colleague and project manager so that the group can complete the internship as best as possible.So that I can learning a lot of experience and knowledge during the internship for future job