SOUTHEAST UNIVERSITY

FACULTY OF COMPUTER SCIENCE AND ENGINEERING

INTERNSHIP AFFILIATION REPORT ON

Corporate Company website development at Reflex IT

An Internship Report Presented to the

OFFICE OF PLACEMENT &

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

In Partial Fulfillment of the Requirements for the Degree

Bachelor of Science in Computer Science and Engineering

Supervised By

Md. Shafiur Raihan Shafi

Lecturer, Department of CSE
Southeast University

Submitted By
Md. Mohaiminul Islam
ID: 2016200000014
Date of Submission: 15th February, 2022
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LETTER OF SUBMITTAL

Feb 14, 2022

The Chairman,

Department of Computer Science and Engineering,

Southeast University,

Banani, Dhaka

Through: Supervisor name

Subject: Submission of Internship Report.

Dear Sir,

This is my great pleasure to submit my internship report on the internship program at Southeast University (SEU). This report will provide the flavor of my great opportunity of having one of the most prestigious experiences in the web development profession. In this report, I have mentioned that I have continued my internship period as a professional employee at **Reflex IT**. I was assigned to work as a member of the developer team of the **Development Department**. I have tried to perform all the duties in this company. I havegathered a lot of experience regarding the development professional. The whole report will show the experiences which I have gathered through this internship period.

I am very glad for having this type of prestigious opportunity and I have tried to do my work well. I would cordially thank you for giving me this wonderful opportunity.

     Sincerely yours,   Supervisor:

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Name: Md. Mohaiminul Islam Arnob   Md. Shafiur Raihan Shafi
ID: 2016200000014   Lecturer
Program: BSc in CSE   Department of CSE
Batch: 44   Southeast University
Southeast University

Letter of Endorsement

The Internship Affiliation Report entitled "*Corporate website development at reflex IT*", has been submitted to the Office of Placement and Department of Computer Science and Engineeringin partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science and Engineering by **Md. Mohaiminul Islam Arnob & ID: 2016200000014.** This report is presented tothe Internship Defense Committee for evaluation and has been accepted.

Supervisor: Co-Supervisor:

Shakib Hasan   Md. Shafiur Raihan Shafi

Project Manager   Lecturer

Reflex IT   Department of CSE

                                                             Southeast University

Abstract

A website that is used to officially represent a brand on the Internet, and which is often used as the landing page for advertising content. Beyond a mere testimonial presence, a corporate website represents a business opportunity if the option is to provide to make purchases, and ideally should also be optimized as a means of making contact with customers or any other visitors, whereby users are provided with information about products or services, and can find valuable content such as novelties or special offers that promote loyalty.

Our project is basically for a Corporate Company but it is more than a website site. This full project will be developed using Php Laravel for the back end and for the front end we will use HTML, CSS, JQUERY,and BOOTSTRAP. We plan to add a Sell system in the back end. This website will help people tofind all kinds of products and services of the company. It is useful in the way that it makes an easier way to End Customers.

The customer can inquiry for any product that the company selling. Can contact through Company Policy.

The admin module contains the access of admin page on the website. The admin can change everything in the website. He have the ability to add, delete and update any information regarding the shop. Also he will get a shop management system in the admin page. He can manage his shop related all information, he can make decision is the business making loss or profit by this management system.

Acknowledgment

At first, I want to acknowledge and most grateful to Allah, with most merci-full blessing us to complete the research which is a requirement for completing the degree successfully

I would like to express my gratitude to the **Faculty of Science & Technology** to keep internship credit in the curriculum of the graduation program and give me a scope of tasting the flavor of industry-oriented tasks and the field of work with my interest. I am also grateful to the **Faculty of Since & Technology and Office of Placement & Alumni**, SEU to arrange an opportunity for choosing my own interested field and completing an internship there.

I would also like to show our thankfulness to our honorable supervisor Name of Supervisor, Lecturer, Department of Computer Science and Engineering for giving us the idea for making the report and guiding me.

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CHAPTER 4: Concluding Statements

CHAPTER 1: INTRODUCTION

1.1. Rationale:

An internship is an official program offered to undergraduate and graduate students who work between three to six months and have a goal to gain practical knowledge or research-related experience. The internship program gives an opportunity to make an understandable relation of the academic knowledge gained through the whole academic life with practical knowledge. In the undergraduate period, I have gained academic knowledge and some practical knowledge during the projects and thesis. An internship is an opportunity where I can learn the organizational culture and beware of my responsibilities as an employee. The internship is an opportunity where I can judge the level of my skills and ability. Here I can also learn time management. The knowledge I have gathered from my internship will have a great impact on my personal and professional skills. This helps me a lot to get out of my comfort zone and allows me to show my potential and ability. Without this opportunity, I would remain with zero practical knowledge and experience.

1.2 Report Origin:

As a mandatory requirement of the B.Sc. in Computer Science and Engineering (CSE) program under the School of Science at Southeast University this report entitled "Web Developer and Web Design" – is a connived depiction of the four months long internship program. We have got deep knowledge of web design, development, and maintenance during our internship period at Reflex IT.

1.3 Scope and Methodology:

This report gives an insight into the experience that we faced in our workplace at Reflex IT. As well as it also provides a brief description of Reflex IT.

Our internship was to work on e-commerce websites. These websites enable people to search for product listings online. This is basically a client project Along with this we also work on Marketing

and SEO. We previously did not work on marketing, so this also helped us to gain some knowledge about digital marketing which is very essential for website traffics. Overall this internship gives us immense experience and a feel of professionals.

1.4 Objectives:

> Understanding the activities are undertaken for the internship.

> Identifying the issues, lacking, and constraints of the internship program.
> Recommending possible solutions for the identified problems.
> To gain knowledge of the professional environment.
> To prepare me for my future career.

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CHAPTER 2: PROFILE OF REFLEX IT

2.1 About Reflex IT:

Reflex IT work with startups, mid-market, and enterprise companies to make sure the quality standards with a greater return on investment (ROI) and reduce the expanding cost. We help to accelerate your business from untangling complex issues during digital evolution and new technologies to create the coolest, most innovative, and most successful business. They adopt the latesttechnologies and never comprise on quality.

2.2 Services:

❖ **Web development:** They offer Website development services. Developing websites that deliver the outcome you want in Internet-facing, corporate, and other hybrid environments.

❖ **Mobile app development:** They design & develop applications on iOS and Android platforms for businesses who are looking for embracing mobile apps as part of their business.

- ❖ **Cloud solution:** They provide recommendations based on a business's needs and do not promote the cloud as a catch-all solution.
- ❖ **Digital marketing:** The suite of digital marketing services is built upon a foundation of intent—understanding how consumers decide—across all paid, owned, and earned media touchpoints.

2.3 How they work:

- ➢ **Define:** Fine-tune based on the inputs from the client and establish the scope of work.
- ➢ **Design:** Design is creative and plans to be able to address the requirements.
- ➢ **Develop:** Develop the execution tactics and fine-tune the requirement.
- ➢ **Deploy:** Execute the plans. Evaluate for improvement.

2.4 Mission:

Reflex IT is a company run by a team of young and dynamic professionals. Reflex IT is the way to promote brands and products online and through another digital channel.

2.5 My work activities:

As internees, I had been put into the web developer section to assist with their very recent corporate website project. First two months I work for design infrastructure create for the website. After getting this project company shift me in this project and my responsibility was customizing the front end section as a clients requirement

CHAPTER 3: GRAPHICAL VIEW OF PROJECT

Though this project is still under the developing process, I can provide the pictorial view which completed till now.

3.1 Home page:

This is the front page of the website. In this landing page we focused on About Company and their Product/ Service and short contact info

Figure 3.1: Home page

3.2 About us page:

In this page Talk about Company Mission, Vision, their advantages, Value, and more about this company

Figure 3.2: about us page

3.3 Product page:

In this page all products listed in one place. When user Browse this page they get all product at a glance.

Figure 3.3: Shopping cart

3.4 Product Details page:

After cart option a customer can check out his order. For this process a customer must be register him/herself in the website.

Water cooled scroll chiller
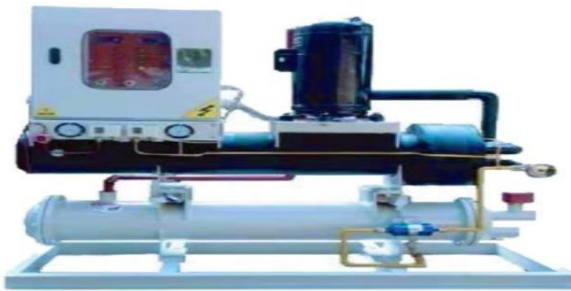
Water cooled scroll chiller

Condition:	Water Inlet/Qutlet : 12 deg. C/ 7 deg. C.
Type:	Water Cooled
Place of Origin:	Bangladesh
Brand Name:	Leader
Capacity (TR):	5~90TR
Power:	3PH~380/415V~50Hz
Refrigerant:	R22/R407C/R404A/R134a
Warranty:	1 year

Figure 3.4: Product Details

3.5 Contact Page:

A customer can Find All Contact Info in this page.
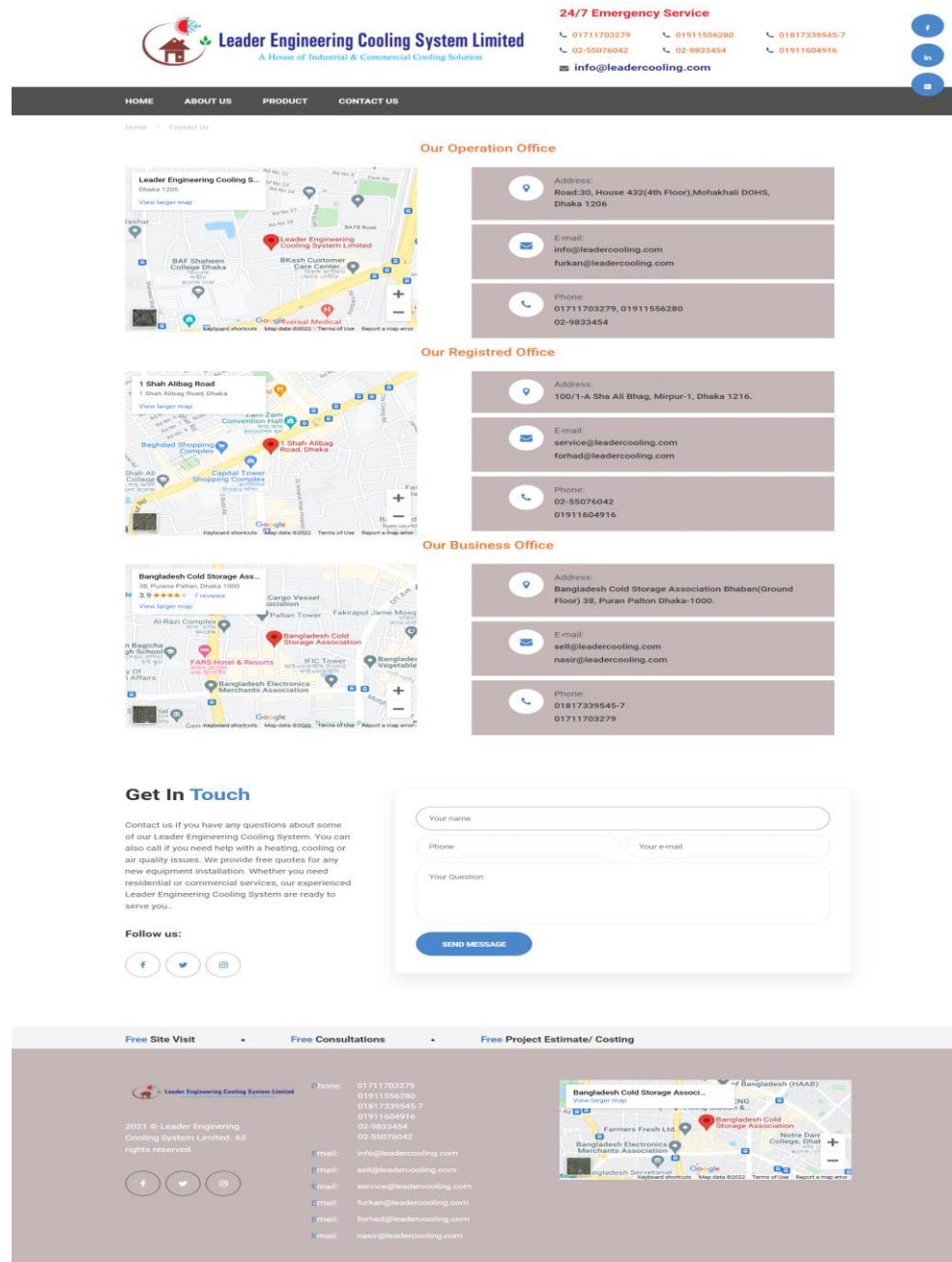
Figure 3.5: wish list

CHAPTER 4: ACQUIRED KNOWLEDGE

4.1 Consequences to Organization:

From the overview, I can say that in my internship period as a member of the Web development team at Reflex IT. I have always tried to give my best to solve a technical problem for the organization. Obviously my hard work, the passion was dedicated to the company as I have worked as an intern. I have always tried to give better services to the company to be a professional. They highly emphasize professionalism. It is also one of the standards to fulfill requirements.

4.1.1 Culture:

Every organization has its own culture at the same time the organization Reflex IT does have its own organizational culture. Within a very few days, I successfully adapted their culture. I have acquired a tremendous upgrade in my self-assessment condition, now I optimized my confidence level in a way that gives me a hidden backup of working with the employee of such a department. I also learned to maintain time, work under pressureand manage different types of people.

4.1.2 Working Environment:

This organization has a very good learning environment. This is very motivating to the officers as well as the internee. A good environment results in better maintenance. Though I do work from home, sometimes I visit their office and also contact personally with Chairman Rasel Ahmed. He helps me a lot. And the co-supervisor gives me the best. Often Ivisit his home for any kind of project problem. They all give me a better working environment.

4.1.2 Communication:

Throughout the internship program, one of the most valuable and important things I learned is how to communicate. Due to the COVID situation, they do communicate over the phone or any other virtual communication system.

4.2. Implications to University's Internship Program

I am grateful that I was able to participate in such a rigorous program with a wide range of activities to supplement my knowledge with real-life experience. For the past few years, studying here at SEU and the internship opportunity have improved my skills a lot.

The main advantage of participating in the internship program was the opportunity of going through a whole new experience. The environment and point of view were different. Coping with the environment was a challenge.

One of the most important things I have learned from my university life is to be self-reliant. Unlike our school days when our parents and teachers instructed us to study, in university we must make time and have our own will to study otherwise no one make us do so. Even we had to look after ourselves and manage time strictly to cope up with the activities scheduled during my internship. This has increased my ability to be responsible, self-reliant and confident in dealing with day to day activities I go through and all the future responsibilities that shall be imposed upon me. As a student of computer science and engineering, I have gathered a lot of scientific knowledge from learning various algorithms to how they are implemented for practical use. There are ethical issues that are of huge concern for us engineers, which I have learned from my university life. There has been a course especially for this purpose that taught us to work for the society, that as engineers our first priority is to improve the lives of general people. We must avoid advancements that may be significant in a technological sense but may harm society in the long run since our first priority should be to ensure the safety of the public. So, I have learned from my university life thatscience is also constrained by ethical issues and how we should deal with such ethical dilemmas.

4.3 Effects on Personal/Professional Skills

Through this intern period, I learn how to be more active. This point is really important for me. I learn how to manage a project and what's the necessary things I have to do before starting a project. I also learn how to manage clients.

CHAPTER 5: CONCLUDING STATEMENTS

5.1 Summary

The internship program introduces a student to a professional career. It was a great experience for me. This internship opportunity gives me a whole new experience in my life. Education is the backbone of a nation. Education changes our point of view and our power of thinking. Besides this internship is also very important. This internship opportunity offers us to learn about this culture. This is a step where a student can get acquainted with the organization's work and the way of doing them. Here, a student can learn new things not just academic ones but also get real-lifeexperience. This internship opportunity increased my decision-making ability. We are doing our best for the project. Hopefully, we will overcome and fully fill this project in a very short time.

5.2 Limitation

This project is still under development in localhost. That is because I can't provide the live link. And, of course, I must mention work from home is a big limitation from my side. I can't get the proper official environment. But the good thing is most probably I may join with them officially as a full-time employee. After that, it may be good for me.

RECOMMENDATION LETTER

05 October 2021

Md. Mohaiminul Islam Arnob
Address: K-96/1, Kuril Kazi Bari, Kuril, Vatara, Dhaka

Subject: Internship Appointment Letter

Dear Arnob,

In reference to your application dated 05 October 2021 and subsequent interview, Reflex_it is pleased to appoint you as an 'Intern' for four months effective from 07 October 2021.

Specifics of your internship:
1. Working days & hours: Saturday to Thursday, 10:00 A.M to 6.00 P.M
2. Work location: Road No:32. House no: 489 (4th floor), Mohakhali DOHS, Dhaka-1212
3. Reporting: Besides the supervisor, you will be directly reporting to the CEO.
4. Extension: Your internship period may be deferred or extended due to any valid reason.
5. Termination: Reflex_it may terminate your internship at any time without assigning any reason or without prior notice.

After satisfactory completion of internship, Reflex_it may offer permanent employment based on the evaluation of performance and contribution during internship period.

Congratulations and best wishes

Sincerely,

Md. Shakib Hasan
System Analyst
Reflex_it

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REFERENCE

- Internship report provided by the Md. Shafiur Raihan Shafi, Lecturer, Department of CSE, Southeast University

- [Leader Engineering Cooling System (leadercooling.com)](leadercooling.com)

- https://www.slideshare.net/MudasirAhmadBhat/ecommerce-web-development-project-report-bookz-report