

**ISP SERVER INSTALLATION AND CONFIGURATION AND
NETWORK INFRASTRUCTURE**

SUBMITTED BY

Saidul Islam

ID: 201-15-13864

This Report Presented in Partial Fulfillment of the Requirements for the
Degree of Bachelor of Science in Computer Science and Engineering.

Supervised By

Md. Sadekur Rahman

Assistant Professor

Department of CSE

Daffodil International University



DAFFODIL INTERNATIONAL UNIVERSITY

DHAKA, BANGLADESH

19 January, 2023

APPROVAL

This Internship titled “ISP Server Installation and Configuration and Network Infrastructure”, submitted by Saidul Islam, ID No: 201-15-13864 to the Department of Computer Science and Engineering, Daffodil International University, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on **January 19th, 2023**.

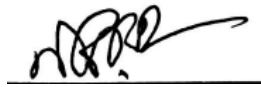
BOARD OF EXAMINERS



Dr. Touhid Bhuiyan
Professor and Head

Department of Computer Science and Engineering
Faculty of Science & Information Technology
Daffodil International University

Chairman



Narayan Ranjan Chakraborty

Associate Professor

Department of Computer Science and Engineering
Faculty of Science & Information Technology
Daffodil International University

Internal Examiner

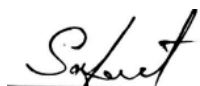


Raja Tariqul Hasan Tusher

Assistant Professor

Department of Computer Science and Engineering
Faculty of Science & Information Technology
Daffodil International University

Internal Examiner



Md. Safaet Hossain

Associate Professor & Head

Department of Computer Science and Engineering
City University

External Examiner

DECLARATION

I hereby declare that, this internship report is prepared by me, Saidul Islam, ID No: 201-15-13864 to the department of Computer Science and Engineering, Daffodil International University. Under the supervision of Mr. Md. Sadekur Rahman Assistant Professor, Department of CSE, Daffodil International University. I also declare that neither this internship report nor any part of this internship report has been submitted elsewhere for award of any Degree or Diploma. I also declare that, I collect information from Daffodil Online Limited (DOL), Data Center and Internet Service Provider (ISP) Based Company, Books and Internet.

Supervised by:



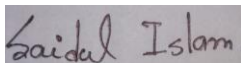
Md. Sadekur Rahman
Assistant Professor
Department of CSE
Daffodil International University

Co-Supervised by:



Ms. Subhenur Latif
Assistant Professor
Department of CSE
Daffodil International University

Submitted by:



Saidul Islam
ID: 201-15-13864
Department of CSE
Daffodil International University

ACKNOWLEDGEMENT

First we express our heartiest thanks and gratefulness to almighty God for His divine blessing makes us possible to complete the final year project/internship successfully.

We really grateful and wish our profound our indebtedness to Mr. Md. Sadekur Rahman, Assistant Professor, Department of CSE Daffodil International University, Dhaka. His endless patience ,scholarly guidance ,continual encouragement , constant and energetic supervision, constructive criticism , valuable advice ,reading many inferior draft and correcting them at all stage have made it possible to complete this project.

We would like to express our heartiest gratitude to Prof Dr. Touhid Bhuiyan and Head, Department of CSE, for his kind help to finish our project and also to other faculty member and the staff of CSE department of Daffodil International University.

We would like to thank our entire course mate in Daffodil International University, who took part in this discuss while completing the course work.

Finally, we must acknowledge with due respect the constant support and patients of our parents.

ABSTRACT

We refer to a group of networked computers that may exchange data or information as a network. If we want to increase the number of PCs and transfer data between them, we'll need some specialized PCs known as servers. There are numerous kinds of work on the network, which is why there are many kinds of servers as well. Web servers, mail servers, FTP servers, firewalls, and VPNs are a few examples. Without them, it would be hard to maintain a network because each of them functions differently.

The Linux Operating System must be installed on the server if the network is connected to the Internet and we want to secure your information. Because of this, I decided to write a report on "Server Installation and Configuration on ISP". The report included the function of a specific server used by an ISP, the hardware requirements for the server, software selection and installation procedures, step-by-step server setup procedures, and basic server troubleshooting.

TABLE OF CONTENTS

CONTENTS	PAGE
APPROVAL	II
DECLARATION	III
ACKNOWLEDGEMENT	IV
ABSTRACT	V
CONTENT	VI-VII

CHAPTER

CHAPTER 1: INTRODUCTION	(08-11)
1.1 Introduction	8
1.2 Motivation	8
1.3 Internship Objectives	9
1.4 Introduction to the Company	9
1.5 Company Background	10
1.6 Report Layout	11
CHAPTER 2: ORGANIZATION	(12-17)
2.1 Introduction	12
2.2 Product and Market Situation	13
2.3 Service	13-14
2.4 Experience	14-15
2.5 IT Service	15-17
2.6 Target Group	17
2.7 SWOT Analysis	17

CHAPTER 3: TASKS, PROJECTS AND ACTIVITIES	(18-21)
3.1 Daily Task and Activities	18
3.2 Events and Activities	19
3.3 Definition of network infrastructure	20
3.4 Daily Report	20
3.5 Daily mail	20
3.6 Challenges	21
CHAPTER 4: COMPETENCIES AND SMART PLAN	(22-23)
4.1 Competencies Earned	22
4.2 Smart Plan	22-23
4.3 Reflections	23
CHAPTER 5: CONCLUSION AND FUTURE CAREER	(24-25)
5.1 Discussion	24
5.2 Conclusion	25
REFERENCES	26
APPENDICES	27

CHAPTER 1

INTRODUCTION

1.1 Introduction

In this digital age, computer networks are essential. When the computer first came around, we could not have imagined how much work it would eliminate while performing the same tasks faster.

In the same way, we were unable to imagine that our data would be transmitted over a million miles in a few seconds over a computer network. But as things progress day by day, all of these are now true and real. None of these arrived in a single day. And people today must be connected to a network in order to take advantage of all the features of these new technologies. People used to solely think about devices or gadgets. And ISP companies are those companies that support providing this service to customers.

According to the services they provide, people pay them. Data are the most significant and valuable objects in the digital age. People today are really eager to communicate and gather knowledge.

1.2 Motivation

I am now pursuing a Bachelor of Science in Computer Science Engineering at Daffodil International University, and I am aware of the value of acquiring real-world experience to supplement academic knowledge and provide students a broader understanding of the disciplines.

I discovered during my internship that I am quite knowledgeable about Cisco Network Configuration and Network Infrastructure. As an internet service provider, I've done a great job of engaging with customers, learning about their wants, and offering them improved service. My strengths lie in my capacity to thoroughly analyze a problem, comprehend it, and act decisively and swiftly.

1.3 Internship Objectives

The main goal of my internship program is to get me ready to compete successfully on the job market. As a result, skill development is greatly aided by it. I'd want to have some outstanding collections available.

My goal was to learn something new so that I might advance in my career in the future. And because I am an expert, I will work on all the new things in my own way and consider how to stay current. Computer science internships are made to help students move from the classroom to the workplace, give them work experience while still in school, and integrate work experience with academic training.

1.4 Introduction to the Company

Information Technology Consultants Limited, my internship employer. Founded in 2000, IT Consultants Limited (ITCL), a public limited corporation, became Bangladesh's first-ever PCI DSS-certified company in 2001. ITCL is a licensed payment system operator (PSO) and public limited company.

ITC, a regional leader in offering end-to-end payment services enabler and the recipient of the President's Award for Industrial Development (Hi-Tech) 2019 and the BASIS-Daily Star ICT Award 2015 for best IT Solution Provider (Local Market Focus).

Banks, governments, financial institutions, and non-financial institutions can use ITCL's top-notch payment infrastructure, services, and technology. Additionally, organizations and regulatory authorities have acknowledged, accredited, and certified ITCL's payment system solutions.

Head Office

Information Technology Consultants Limited

Located in Evergreen Plaza

Address: 3rd Floor, Evergreen Plaza, 260/B Bir Uttam Mir Shawkat Sarak, Dhaka 1208

Open: 9Am, Closes 6PM

Phone: 01713-482000

Website: www.itcbd.com.

1.5 COMPANY BACKGROUND

Founded in 2000, IT Consultants Limited (ITCL), a public limited corporation, became Bangladesh's first-ever PCI DSS-certified company in 2001. ITCL is a licensed payment system operator (PSO) and public limited company.

ITC is a regional expert in offering end-to-end payment services enablers and the recipient of the 2015 BASIS-Daily Star ICT Award for best IT Solution Provider (Local Market Focus).

Banks, governments, financial institutions, and non-financial institutions can use ITCL's top-notch payment infrastructure, services, and technology. In addition, organizations and governing bodies like Visa, MasterCard, and AMEX have recognized, accredited, and certified ITCL's payment system solutions. ITCL also continues to build partnerships with clients and associates to keep its cutting-edge offerings current even as market demands become more complex. ITC now distributes its products and services to numerous clients throughout numerous vertical segments, including banking and financial services institutions, telecommunications, transportation, and retail, by offering a wide variety of payment solutions.

Over time, ITC has expanded. Operations have been stabilized, strong alliances have been formed, processes have been improved, managers and staff have been trained, and operations have been groomed. ITC has transformed from an organization that was reactive when most firms first started to one that is proactive and forward-thinking. ITC has added responsibility and organization. ITC boasts that we are the industry's first provider of third party payment solutions, and in essence we are. However, if you dig a little further, you'll discover much more.

Through the Q-Cash Network, terminals are available at various merchant locations and bank branches to process card transactions for our clients' customers.

Beginning with proprietary smart cards, Q-Cash has expanded to include proprietary credit, debit, prepaid, and remittance cards with magistrate and chip-based EMV and NFC cards.

1.6 Report Layout

I worked in the Network Infrastructure Department of your company as part of my internship program.

I have put my academic training to use by monitoring link connectivity with the DUDE monitoring panel, the Nagios and X-Clarity systems, the daily G-gplex log report, the monitoring of bank transactions (Tranz Ware Online), the monitoring of bank middleware, the NOC room physical check, the monitoring of bank transactions, etc.

These tasks were carried out by me under the energetic guidance.

The ability to gain real-world experience through this internship program was fantastic. My future career in the IT sector will benefit from it.

CHAPTER 2

ORGANIZATION

2.1 Introduction

ITC Limited has emerged as one of the top providers of IT goods and services in our country. Our "customer first" mindset ensures that we deliver "the best IT services and solutions" to our clients in order to enhance their business performance and achieve operational objectives. We continually deliver the best programs and practices in the business by utilizing cutting-edge solutions and new and developing technologies. Our dedication to our consumers and the many exceptional employees we have laid the groundwork for our success.

We make ongoing investments in the training of our team members and offer a welcoming atmosphere in which they can collaborate closely with customers and directly affect their mission-critical initiatives. Building trusting relationships with both our clients and workers has proven crucial to our success. 100% customer and staff satisfaction is our goal at ITCL.

The largest electronic transaction processing house in Bangladesh was created when ITC purchased Bangladesh Electronic Payment Systems Ltd (BEPS) on September 20. This was done in order to entirely end the foreign banks' stranglehold on this market. With more than 35 banks and more than 6000 bank branches, it is the largest consortium of banks. The branch-wise market coverage of Q-cash Member Banks is close to 80% or more. Additionally, Q-cash operates with an extensive network of POS systems and an increasing number of strategically placed ATM terminals around the nation.

2.2 Product and Market Situation

During a temporary job program, I worked with Cisco Router, Cisco, DHCP and DNS Server, AP Configuration Cloud, independent mode Network, etc.

In particular, Cisco trading and directing have taught me a lot. That is employed in the setup of networks, hotels, international organizations, apparel, materials, and business offices. The Cisco product line includes switches, Security texture, and remote framework, stockpiling systems administration, and distributed computing administration.

We are aware of the size of the global market for field work in business. Every large enterprise, luxury hotel, apparel manufacturer, and college of any type requires its own organization. In this business region, I have a few excellent options to find my future field of work.

Amber IT Limited, one of the best ISPs in Bangladesh, has branches in almost every upazila and area of the nation. Currently serving 4000 clients, Amber IT is becoming more and more well-liked by companies. Amber IT has expanded quietly and naturally into a communications company offering a range of excellent voice and information services for businesses.

2.3 Service

Services for payments:

1. Financial inclusion
2. Office of Bangladesh Post
3. NBR Service
4. E-business
5. Financial Mobile Services

Key attributes and services:

Check Your Account/Card Balance

Tags for multiple bank accounts and cards

Interbank Transfer of Funds

Payment of bills

Online payment for the purchase of products and services in Bangla

Transaction history for instant transaction control

Salutation:

Biometric

ATM Solution

Transaction

Switching

Card Management System

Solutions & Infrastructure for IT

2.4 Experience:

ITC Ltd. has established itself as a market leader over the past 20 years by providing exceptional goods, services, and performances. We can simply establish our reputation by pointing to the following noteworthy traits.

1. The largest third-party processor for cards business in the area.
2. Accepted as a third-party processor by MasterCard and Visa International
3. Card personalization center and card bureau accredited by VISA and MasterCard
4. Issuer & Acquirer HOST comply with EMV
5. Business expertise in both the issuing and purchasing sectors, including mobile financial services and e-commerce.
6. Demonstrated experience and proficiency in project management, consulting, and scheme sponsorship
7. The ability to process multiple currencies.
8. Modern card management system with 24/7 processing and authorizations.
9. To prevent issuance fraud and acquisition fraud in accordance with Card Scheme Regulations, Visa International Certified ACI product Pro-Active Risk Manager (PRM) was developed.
10. Bangladesh's most seasoned Switch & CMS solution provider

2.5 IT Services

Transaction switching:

- Merchant Acquiring
- Fraud Management
- Loyalty
- Instant Issuance
- Batch Issuance
- Active-Active
- Islamic Banking
- Cloud-Native
- ATM Management
- Debit Card
- Credit Card
- Prepaid Card
- Merchant Acquiring

Card Management System:

TranzWare CMS is a cutting-edge, scalable system that offers both issuers and acquirers a number of automated back office operations, such as the following:

- Management of payment card issuance and distribution;
- Acquiring and merchant management;
- Management of individual and business accounts;
- Reporting; Analysis;
- and Customer Service

Biometric ATM solutions :

Strong authentication is provided, and it can be used in place of a PIN.

It is ideal for the vast majority of rural Indians and can eliminate the hidden costs of

ATM card management,

Such as card personalization,

Delivery, management, re-issuance,

PIN generation,

Help-desk, and re-issuance.

Flexible account access allows customers to access their accounts whenever it's convenient for them. TCO will ultimately decrease due to ATMs' low running expenses.

It Infrastructure& solutions:

Facilities Management Services (FMS), Facilities Management Services (FMS),

- Relocation/Migration Planning & Implementation
- Server Consolidation &
- Relocation/Migration Planning & Implementation
- Server Consolidation & Virtualization
- Backup & Disaster Recovery Management
- IT Related Support Services

Ecommerce:

- Choice - similar to your rivals, you can provide a variety of payment choices.
- Convenience: They do away with the need for receipts, cheese, money, and BACs.

Credit may enable purchases that would otherwise be postponed.

Concessions may increase the perceived value of online transactions.

Competitive edge: What does it say about your company if you don't accept all forms of payment but your rivals do?

2.6 Target Group

data transfers between several banks. provides data services from data centers and offers internet services to different businesses. Different types of ATM cards, debit cards, and credit cards are produced. uses middleware to connect to many banks and exchange data with them.

ITCL has ties to numerous e-commerce companies.

Possesses long-term agreements with a number of organizations. Therefore, this organization's goal is to collaborate with more banks. Cooperating with all kinds of government banks.

Q-Cash began operating with its own Smart Cards and has since expanded to include a number of international brands as well as proprietary-label credit, debit, pre-paid, and remittance cards using magstripe & chip based EMV and NFC cards.

2.7 SWOT analysis

To analyze the foundations for the use of concrete in road infrastructure that is sustainable growth and to identify areas that require more study, a SWOT analysis is conducted. SWOT, which stands for Strength, Weaknesses, Opportunities, and Threats, is a commonly used acronym in economic and strategic management.

CHAPTER 3

TASKS PROJECTS AND ACTIVITIES

3.1 Daily Task and Activities

I have a ton of work and performance every day as an intern. My internship company, ITCL Limited, provided me with knowledge that I have stored. My staff helps me throughout the day and we talk about it every day. The following things were included in my daily work list:

- ITCL LAN and production network Monitoring
- Link connectivity with Monitoring panel line DUDE, Nagios system & X-Clarity system
- Server critical log and Audit log
- Q-cash Ecommerce (easy.com.bd) payment report
- Daily G-gplex log report
- Bank transections monitoring (TranzWare Online)
- MonitorBank
MW(MBL,NRBG,NCC,WORRI,AGRANI,BKASH,EXIM,IFIC,ICB,JANATA,NBL)
- Check TWO Instances- Crypto server, Driver, Alarm log (Auth-01 to 04, FIMI01, FIMI02, BATCH-01, TW-MG-01, RPT01, MIS01, ACS & All ATM)
- V7K DC Storage Health Status Check
- V7K DR Storage Health Status Check
- IBM System storage Manager Monitoring
- Data Center AC (PAC) Monitoring
- DC EMS System Monitoring
- NOC Room (2nd floor, Ground floor) Physical Check
- Dehumidifiers check NOC & Power room
- All AC Check (NOC, Power & Card Bureau)
- Temperature & Humidity Monitoring
- Communication with vendors
- DR Site Monitoring (Network, System & Power)

• **3.2 Events and Activities:**

- Keep an eye on and maintain your network and computer systems.
- Link communication with the Nagios, DUDE, and X-Clarity systems for monitoring panels.
- Setting up passwords, permissions, and user accounts.
- Cisco Router and Switch Configuration
- Fixing issues with routers and servers.
- Troubleshooting switches and local area networks.
- Monitoring bank transactions (TranzWare Online) Technical assistance for network users.
- Daily administration and network usage tracking.
- Check the NOC and power room's dehumidifiers

3.3 Definition of network infrastructure

All of a network's resources that enable connecting to a network or the internet, network management, business operations, and communication are collectively referred to as network infrastructure. The hardware, software, systems, and devices that make up network infrastructure allow for computation and communication between users, services, applications, and processes. The network infrastructure of a system is made up of everything connected to it, from wireless routers to servers. Effective communication and service between users, applications, services, devices, and other entities are made possible by network infrastructure.

3.4 Daily Report:

- Server critical log and Audit log
- Q-cash Ecommerce (easy.com.bd) payment report
- Daily G-gplex log report
- Communication with vendors
- Data Center AC (PAC) Monitoring
- NOC Room (2nd floor, Ground floor) report
- DR Site Monitoring (Network, System & Power)

3.5 Daily Mail:

- Q-cash Ecommerce (easy.com.bd) payment report mail
- Daily G-gplex log report mail
- Data Center AC (PAC) Monitoring mail
- Temperature & Humidity Monitoring mail
- IBM System storage Manager Monitoring mail
- Network any issues selected and solving this issues mail
- GP, Bangla link, Robi Teletech any problem and solving this issues mail
- Amber it , Telnet this internet service any problem and mail this issues
- Bank transaction any bank and mail this problem

3.6 Challenges:

Considerations for your migration to the cloud

Rarely does cloud migration take place in one swift motion. Only a small number of businesses are able to use just one cloud provider, but a lot more find themselves using a mix of public, private, and on premise technology.

The maintenance of diverse infrastructure is beneficial for several reasons. The networking operations that support such infrastructure cannot be claimed to be the same. Security measures including user access management, DDoS mitigation, and firewalls Performance and dependability, including WAN optimization, traffic acceleration, and load balancing

Paradoxically, a hybrid strategy for securing and speeding up complicated cloud settings also exacerbates performance problems, security flaws, and service issues. IT and security teams must discover ways to make these networking functions as smooth as possible in order to avoid these problems.

CHAPTER 4

COMPETENCIES AND SMART PLAN

4.1 Competencies Earned

Various data of the company is collected in the data center. Data is collected through these things such as switch router cables.

Switches are arranged inside different racks and one switch is connected to another switch.

We store the data of various organizations or companies in our data center. And we provide data center services to various companies. I store the information of different banks in different bank data each data center must be under temperance control

Each data center must be kept under temperance control. Switch routers in data centers get too hot for use, so AC service is required

If you want to connect from one switch to another switch, you have to do it through a cable and you have to determine which port will go from which port.

4.2 Smart Plan

In the future, I wish to work as a qualified IT specialist. And I can use my talent in a good organization in the future to accomplish wonderful things. I also want to work for large corporations and develop my talents.

It offers a mechanism to evaluate the vital connection between on-the-ground implementers and beneficiaries and decision-makers; it contributes to the retention and growth of institutional memory; it offers a more solid foundation for raising money and influencing policy.

As much as feasible, monitoring and assessment are important.

It offers the one centralized source of data demonstrating project progress;

It enables players to gain information and skill from one another's experiences;

It frequently produces written reports that promote accountability and openness and make it easier to communicate learning;

It highlights errors and presents avenues for education and development;

It offers a foundation for challenging and testing presumptions;

It offers a way for organizations to assess the critical link between implementers and beneficiaries on the ground and decision-makers; it contributes to the retention and development of institutional memory; and it offers a more solid foundation for raising money and influencing policy. Agencies can use it to learn from their experiences and incorporate them into policy and practice.

4.3 Reflections

After a protracted period in which networking research appeared to be primarily focused on improving the performance of the current Internet, interest in "clean slate" approaches to network architecture appears to be increasing. An strategy based on the notion that a programming interface serves as the network's fundamental mechanism for allowing intrusion began to be investigated by researchers working on active networks in the middle of the 1990s as part of the DARPA program. This note draws on the author's involvement in that effort and makes an effort to highlight any insights or "lessons learned" that might be applicable to network architecture research in general.

Infrastructure systems provide essential and fundamental services. They stand as the foundation of civilization. Infrastructure in the twenty-first century will have to evolve to meet the demands of a brand-new planet. What form will they adopt? What purpose will they serve? Whom and why will they serve? Forty experts from different parts of the world share their thoughts on infrastructure in 2100 in this book.

The book is made up of a collection of science fiction poems, essays, and short tales. Technology, resilience, sustainability, and climate change are frequent themes throughout the reflections. It is hard to forecast how infrastructure will be in 2100 when this article was written. This book's objective is not to accurately predict the future. Instead, it's to open a debate and present scenarios that we might dread or wish for. Time will only tell which side of the balance we ultimately err on.

CHAPTER 5

CONCLUSION AND FUTURE CAREER

5.1 Discussion

A network's infrastructure may include a combination of hardware components, software programs, and network services, such as: Routing and switching devices, hubs, repeaters, gateways, bridges, and modems are examples of hardware infrastructure. Operating systems with monitoring and management software make up the software infrastructure.

An unstable network can have a significant impact on business operations because the bulk of business processes depend on the performance of your network. In spite of unforeseen circumstances, a secure network infrastructure helps to reduce downtime and guarantee that productivity is maintained as consistently as possible.

Generally speaking, there are three broad categories into which network infrastructure components can be divided:

1. Physical servers, routers, switches, and other network devices
2. Network software, which may be installed on either dedicated or generic servers.
3. Network services, which are server-based pieces of software.

5.2 Conclusion

The committee synthesizes its findings into conclusions in this chapter and provides suggestions. First, it compiles the factual information offered in Chapters 2–5 into three major judgments about the significance of networks and the status of our understanding of them. Following that, it presents concrete conclusions that directly address Items 2 through 5 of the task description. The committee offers its recommendations, including those for research projects, in response to Item 4 in its final response.

Result for network infrastructure in an image Conclusion

In conclusion, a network consists of two or more computers that are linked by a telecommunications system in order to exchange information and share resources. Companies wouldn't be able to share resources and boost efficiency as efficiently without a network.

5.3 Scope for Further Career

PC organizing is a profession that is currently in high demand. IT locale zones are numerous. One of the important components is computer organization. Every workplace, financial institution, or group of companies needs at least one reputable IT subject matter expert. Therefore, that is another useful fact for an organization engineer. A knowledgeable representative is welcomed everywhere. More time will be needed to advance in daily life if your career is successful. I have to develop that aspect of my career.

References

1. From ITC ltd , Available at <<<https://www.aci-bd.com/>>>, Last accessed on November 1, 2022 at 11am.
2. From Logo, Available at <<<https://www.freepik.com/search?dates=any&format=search&page=1&query=feminine%20logo&sort=popular>>>, Last accessed on November 1, 2022 at 3pm.
3. From Code Maven, Available at << <http://www.codemaven.net/index.php>>>, Last accessed on January 17 at 10am.
4. From KBDT, Available at << <http://apps.eacibd.com/application/65>>> Last accessed on January 17 at 10pm.
5. From, Background change, Available at <<<https://www.youtube.com/watch?v=UvvjvLqgmgo&t=78s>>> Last accessed on November 1, 2022 at 11pm.
6. From, Adobe CC, Available at <<<https://www.youtube.com/watch?v=IyCw1Hp5MJs>>> Last accessed on November 1, 2022 at 2pm.

APPENDICES

My internships helped me develop a wide range of abilities, including how to engage with clients and provide customer service.

How to locate the client's issue, how to address it, how to collaborate with the team.

The internship involves learning and comprehending the real use of words as well as the applications and implementation of study-related theories. It serves as a workspace for college students to get a sense of what a genuine workplace is like before they enter the workforce.

Students have a great chance to prepare for their professional futures now.

Here is the picture of my joining letter of internship. The environment of the exchange undertaking, the association's commitments, and the feedback internship happy sewing by my chief at my entry-level position. A tool for evaluation and a pleasurable way to look for private meetings guess a professional.

Ref: ITCL/HRD-008/220822

Dated: 22/08/2022

Mr. Saidul Islam
6/25, Salimullaha Road
Mohammadpur, Dhaka-1207.

Subject: Appointment as an "Internship"


Dear Ms. Saidul,

With reference to your Bio Data and subsequent interview with us, we are pleased to allow you for undergoing Internship in our Network Infrastructure Department under Technology Division on the following terms & conditions;

1. You will be on Internship for a period of **3 months**.
2. During the period of Internship, you will get an allowance of **TK. 5,000(Taka five thousand only)** per month.
3. You will have to abide by the existing Rules and the Regulations of the company and also the rules and regulations which may be framed in future.
4. ITCL does not committed with you for any future job.
5. You will report to the HR Department on **1st September, 2022**.

If the above terms and conditions are acceptable to you, please sign on the duplicate copy as a token of having accepted this Internship position.

Yours sincerely,



Anindya Sarkar FCS
Head of HR (Acting)



Ref: ITCL/HRD/006-011222

1st December 2022

Mr. Saidul Islam
Internship
IT Consultants Limited.

Sub: Release from Internship.

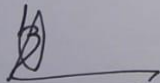
Dear Mr. Saidul,

Please refer to the letter dated 22/08/2022 , Ref: ITCL/HRD-008/220822, accepting your Internship in the company for a period of 3 months from 1st September, 2022 and the Internship period expired on 30th November, 2022. He has successfully completed all requirements of his tenure during the Internship period.

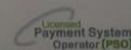
Hence you are hereby released from the Internship effective from 1st December 2022.

Best of Luck.

Yours sincerely,



Anindya Sarkar FCS
Head of HR (Acting)
HR Department



Internship Report

ORIGINALITY REPORT

20%

SIMILARITY INDEX

11%

INTERNET SOURCES

2%

PUBLICATIONS

13%

STUDENT PAPERS

PRIMARY SOURCES

1	dspace.daffodilvarsity.edu.bd:8080 Internet Source	3%
2	Submitted to Daffodil International University Student Paper	3%
3	www.esds.co.in Internet Source	2%
4	www.itcbd.com Internet Source	2%
5	Submitted to The University of the South Pacific Student Paper	1%
6	Submitted to University of Pretoria Student Paper	1%
7	Submitted to University of the West Indies Student Paper	1%
8	Submitted to Bahcesehir University Student Paper	1%
9	Submitted to WQE College Student Paper	1%

10	Submitted to Fiji National University Student Paper	1 %
11	Ken Calvert. "Reflections on network architecture", ACM SIGCOMM Computer Communication Review, 2006 Publication	1 %
12	www.slideshare.net Internet Source	1 %
13	compassplus.ru Internet Source	1 %
14	Submitted to University of Bradford Student Paper	<1 %
15	Ken Calvert. "Reflections on network architecture", ACM SIGCOMM Computer Communication Review, 4/28/2006 Publication	<1 %
16	Submitted to Adam Smith College Student Paper	<1 %
17	dspace.bracu.ac.bd Internet Source	<1 %
18	www.uog.edu Internet Source	<1 %

Exclude quotes

Off

Exclude matches

Off

