



SHAHJALAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

Institute of Information and Communication
Technology

SWE 420 **Report of Internship**

Submitted By:

Shakirul Hasan Khan

Department of Software Engineering
2017831034

Performed At:

Kaz Software

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Dhaka-1217

Date of Submission: 26 June, 2022

Letter of Transmittal

July 16, 2022
The Director
Institute of Information and Communication Technology
Shahjalal University of Science and Technology
Sylhet, Bangladesh

Dear Sir,

I am very much delighted to submit a report as a part of my internship program. I am so thankful to the Institute of Information and Communication Technology, SUST for giving me the opportunity to connect my academic knowledge with the latest software development trends in a renowned software industry and to gather great industry experience.

I have been working as an intern at Kaz Software as a part of our course SWE 420, starting from September 1, 2021, to February 28, 2022. This report is based on my learning and experience during my internship time period. And this report covers the technical skills I developed during my internship program as well as my project participation, skill acquisition, and other improvements and issues.

I believe this report will be able to summarize the overall outcome of my internship course. I will be grateful if you accept my report, and your consideration will be highly appreciated.

Sincerely yours,



Shakirul Hasan Khan
Registration No: 2017831034
Department of Software Engineering
Institute of Information and Communication Technology
Shahjalal University of Science and Technology

Letter of Endorsement

To whom it may concern

Subject: Approval of the report

This is to certify that all the information mentioned in the report is accurate and not confidential to the company. Shakirul Hasan Khan had direct involvement in the projects mentioned in the report.

I personally went through and examined every page of the report, and I was unable to locate any information that contravened the organization's privacy policies.

I therefore declare the report to be true and give Shakirul Hasan Khan my best wishes for a prosperous future.

Shawal Siddique Shaon
Chief Technology Officer
Kaz Software

Md. Hannan Hossain
Principal Software Engineer
Kaz Software

Acknowledgement

I am excited to share this report about my internship experience at Kaz Software. I want to express my sincere gratitude to the Institute of Information and Communication Technology, SUST, for providing an opportunity for my internship. I also want to express my regards to Kaz Software for the support and the opportunity to work with a great team.

I'd like to offer my heartfelt appreciation to **Prof M. Jahirul Islam**, Director, Institute of Information and Communication Technology, SUST as well as to my honorable teachers.

I would like to thank **Shawal Siddique Shaon**, CTO of Kaz Software, for his guidance and support throughout the internship period. I would also like to thank my mentors, **Md. Hannan Hossain** (Principal Software Engineer) and **Biswajit Panday** (Senior Software Engineer), who trained and guided me in my internship journey.

I want to take this opportunity to thank **Ibrahim Khan Arshad** (currently working as a software engineer at Cefalo Bangladesh Ltd.) for his kind assistance and support. Finally, I want to express my gratitude to my team members, my fellow interns, and every member of Kaz Software for making my internship experience a memorable one.

Executive Summary

This report serves up the purpose of a summary of the work that I undertook as well as my experience during my internship period which was conducted on Kaz Software.

Contents

1	Introduction	6
1.1	Objective	6
1.2	Scope	7
1.3	Sources of Information	7
1.4	Limitations	7
A	Appendix A	8

Chapter 1

Introduction

An internship is a professional learning experience that offers meaningful, practical work related to a student's field of study or career interest. An internship gives a student the opportunity for career exploration and development, and to learn new skills. It offers the employer the opportunity to bring new ideas and energy into the workplace, develop talent and potentially build a pipeline for future full-time employees. Internships are usually offered part-time if it is during a university semester, or full-time if it is during a vacation. And in most of the cases, the internship is paid.

Institute of Information and Communication Technology, SUST always emphasizes industry knowledge on academic study. And to give students actual industry experience, IICT provides the opportunity to their students of Department of Software Engineering to work as an intern for six-months in a renowned software company as a part of their academic curriculum in the 7th semester. This opportunity helps to add a great value to personal qualification and experiences of their students.

The company I was sent to for my internship is Kaz Software. It is one of the most experienced software company in Bangladesh. Kaz Software have been successfully operating for more than 18 years.

1.1 Objective

This report is prepared as a requirement of the course SWE 420 at Department of software Engineering, Institute of Information and Communication Technology, SUST.

This document is intended to contain achievement, learnings, professional growth, achievements, and overall industrial experience during my internship period.

And if it is allowed, this document will be open to other students who'll be working as interns in future. So that they can decide if Kaz Software is a good choice for them.

1.2 Scope

The main scopes of this document are:

1. Work environment and culture of Kaz Software
2. Experiences I faced as an intern of Kaz Software
3. Projects I have worked on during my internship
4. The training and guidance I received
5. My professional and technical growth
6. Description of the technologies I used during my internship
7. And my opinion on this internship

Everything is discussed in this document without violating the confidentiality of the company.

1.3 Sources of Information

All of the information reported in this document is true and authentic. The accuracy and confidentiality of the information related to the company is verified by executives of Kaz Software.

This document contains both technical and theoretical information. As a result some information is taken from various websites, and the links to that websites are attached at the end of this report. So that reader can manually verify any external information, if they have any doubt.

1.4 Limitations

There are some limitations in this report. Not everything I did during my internship period can be shared with outside world. This document is reviewed by an executive from my company several times before submitting. And during those reviews, several information have been omitted, because they are confidential to Kaz Software. As a result this document is not perfect.

Appendix A

Appendix A

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Just Testing

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