



INTERNSHIP REPORT

By

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Submitted to the

FACULTY OF COMPUTER SCIENCE & ENGINEERING

In partial fulfilment for the award of the degree

of

BACHELOR OF ENGINEERING

SNS COLLEGE OF TECHNOLOGY, COIMBATORE-35

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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SNS COLLEGE OF TECHNOLOGY

(Accredited by NAAC with A+ Grade)



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

INTERNSHIP REPORT 2022-2023

Name of the Student : ASWANTH SATHISH

Register Number: 21CS026

Year & Branch : Second Year & Computer Science and Engineering

Name of the Industry: BIOS INFOTECH

Period of Training: 13-07-2022 to 30-07-2022

Total No. of Days : 15 Days

GUIDE

SIGNATURE

Faculty Guide from SNSCT with

Mr.G.Ramesh Kalyan AP/CSE

Designation & Department

Company Guide with Affiliation

Mr.Venkatesh

ACKNOWLEDGEMENT

This internship opportunity I had with BIOS INFOTECH was a great chance for learning and professional development. Therefore, I consider myself a very lucky individual as I was provided with an opportunity to be a part of it. I'm also grateful for having a chance to meet so many wonderful people and professionals who led me through this internship period.

I would like to thank **Mr. Venkatesh** of web developer for training and supporting me throughout this internship period. Although quite short, this was a great experience I can learn from. It helped me to explore my skills and increased my interest, in **web development [Front-End]**.

I express my deepest thanks to **Mr. G. Ramesh Kalyan**, Assistant Professor of the CSE department at SNS College of Technology, for taking part in useful decisions, giving necessary advice and guidance, and arranging all facilities to make life easier.

CERTIFICATE:

TABLE OF CONTENTS

CERTIFICATE	04
INTRODUCTION.....	06
BACKGROUND AND ACTIVITIES OF BIOS INFOTECH	06
BIOS INFOTECH VISION AND VALUES	07
SCOPE AND OBJECTIVE OF STUDY	08
OBJECTIVE OF THE TRAINING	14
CONCLUSION	14
INTERNSHIP TRAINING PROGRESS REPORT	15
COMPANY PROFILE.....	18
REFERENCE	19

INTRODUCTION:

I carried out my internship at BIOS INFOTECH. Mr. Venkatesh is my trainer, and we carried out the “WEB DEVELOPMENT” internship. The internship on “WEB DEVELOPMENT” at the Marketing Development in values division. An internship is a period of work experience offered by an organization for a limited period. The purpose of the program is to fulfil the core equipment for the award of a Bachelor of Technology in Information Technology to get a practical aspect to gain experience in different tasks.

In conclusion, this was a great opportunity to develop and enhance skills and competencies in my career field which I achieved.

BACKGROUND AND ACTIVITIES OF BIOS INFOTECH:

BIOS INFOTECH provides a wide range of solutions in IT Consulting, technology and Operations space for our clients. To enhance the business value of our service offerings to our customers, we have formed strategic alliances with industry bodies, technologies vendors and system integrators. Through these partnerships, we can deliver our customers the industry-best end-to-end solutions.

BIOS INFOTECH was founded by young budding software professionals and provide the foundation for the company's expertise in E-commerce/Web applications, custom application development, desktop application, UI/UX designing, web security, digital marketing, SEO optimization, Posters and Digital creations.

BIOS INFOTECH provides comprehensive and cost-effective training for individuals looking to inflate their IT skills in their current professions or looking to take the first step toward new careers. The success of our customers is realized and companies become more productive and successful in their daily activities.

BIOS INFOTECH VISION AND VALUES:

VISION:

- ❖ “Our vision is to create a business world full of prosperity, meaning, and connection for all.”
- ❖ “Delivering measurable results to clients, employees, and vendors.”
- ❖ We give cost-effective software programming, digital designing and digital marketing.
- ❖ “Provide the best customer results possible and deliver the WOW factor through our services.”
- ❖ “Our mission is to be the experts in marketing and sales alignment and the masters of the message.”
- ❖ “Our team works to eliminate the apathy that will suck the life out of any business in the world by working to inspire the spirit, penetrate the heart, and ignite the mind, with compelling marketing messages that deliver results.”
- ❖ It’s forward-looking and defines “who we want to become” as an organization in light of emerging technologies.

VALUES:

- ❖ Trust
- ❖ Appreciation
- ❖ Professionalism
- ❖ Honesty
- ❖ Responsibility

SCOPE AND OBJECTIVES OF STUDY:

- ❖ To learn about the activities performed through Web development in the marketing team.
- ❖ Providing quality content on your website, regularly adding new information, establishing trust, and marketing your site on other websites and social media.
- ❖ The scope of web development is **finding new meanings of implementation in various fields**. As a web developer, you will create websites. That is, you will be responsible for the behind-the-scenes coding and programming of websites.

WEB DEVELOPMENT

Web development is the work involved in developing a website for the Internet or an intranet. Web development can range from developing a simple single static page of plain text to complex web applications, electronic businesses, and social network services.

Website creation mainly involves the creation of the front end. The front end is created with the help of programming languages. They are as follows:-



- **HTML:**



- ❖ The **HyperTextMarkup Language** or **HTML** is the standard markup language for documents designed to be displayed in a web browser.
- ❖ It can be assisted by technologies such as Cascading Style Sheets(CSS) and scripting languages such as JavaScript.
- ❖ HTML can embed programs written in a scripting language such as JavaScript, which affects the behaviour and content of web pages. The inclusion of CSS defines the look and layout of content.
- ❖ The World Wide Web Consortium(W3C), former maintainer of the HTML and current maintainer of the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.
- ❖ A form of HTML, known as HTML 5, is used to display video and audio, primarily using the canvas element, in collaboration with JavaScript.

- **CSS:**



- ❖ CSS stands for Cascading Style Sheets.
- ❖ CSS describes how HTML elements are to be displayed on the screen, on paper, or in other media
- ❖ CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

- **JAVASCRIPT:**



- ❖ JavaScript, often abbreviated JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS.

- ❖ JavaScript is a **dynamic computer programming language**.
- ❖ It is lightweight and most commonly used as a part of web pages, whose implementations allow client-side scripts to interact with the user and make dynamic pages.
- ❖ It is an interpreted programming language with object-oriented capabilities.

- **GITHUB:**



- ❖ GitHub is a code hosting platform for version control and collaboration. It lets you and others work together on projects from anywhere. This tutorial teaches you GitHub essentials like repositories, branches, commits, and pull requests.
- ❖ GitHub provides code hosting services that allow developers/people to build software for open source and private projects in organizations.

OBJECTIVES OF THE TRAINING:

- ❖ Connecting what you have learned (theoretical and practical knowledge of your subject field) with actual work experience, to complement your field-specific skills and learn new ones.
- ❖ Apply and analyze at least one future skill.
- ❖ There can be one or two aims, but both the development of field-specific skills as well as future skills have to be represented.

CONCLUSION:



This internship has been a very useful experience for me. I even learned many unknown skills in a very pleasant environment. However, I do think that there are some aspects of my internship that I could have done better and I need to work on. Overall, I have given my full efforts to complete my internship successfully.

INTERNSHIP TRAINING PROGRESS REPORT:

DATE	ACTIVITY PERFORMED	SKILLS / KNOWLEDGE ACQUIRED	INITIALS BY GUIDES
13-07-2023	Introduction about company	Knowledge about technologies	Mr. Venkatesh
14-07-2023	Introduction to web development	Basics of web development	Mr. Venkatesh
15-07-2023	HTML fundamentals	Basics of HTML	Mr. Venkatesh
17-07-2023	Advance HTML	A complete overview of HTML	Mr. Venkatesh
18-07-2023	Practice I	Implementation of HTML	Mr. Venkatesh

DATE	ACTIVITY PERFORMED	SKILLS / KNOWLEDGE ACQUIRED	INITIALS BY GUIDES
19-07-2023	Introduction to CSS	Fundamentals of CSS	Mr.karthi
20-07-2023	Basics of CSS	Knowing the basics of CSS	Mr.karthi
21-07-2023	Advance CSS	A complete overview of CSS	Mr.karthi
22-07-2023	Practice II	Implementation of CSS	Mr.karthi
24-07-2023	Introduction to the front-end framework	Basics of framework	Mr.karthi

DATE	ACTIVITY PERFORMED	SKILLS / KNOWLEDGE ACQUIRED	INITIALS BY GUIDES
25-07-2023	Installation and basics of GitHub	Overview of GitHub	Ms.Sumathi
26-07-2023	Introduction to JavaScript	Fundamentals of JavaScript	Ms.Sumathi
27-07-2023	Basics of JavaScript	Knowing the basics of JavaScript	Ms.Sumathi
28-07-2023	Advanced in JavaScript	A complete overview of JavaScript	Ms.Sumathi
29-07-2023	Practice IV	Implementation of JavaScript	Ms.Sumathi

COMPANY PROFILE:

COMPANY PROFILE	
Name of the Company	BIOS INFOTECH
Name of the Department	Information Technology Services
Contact Person	Mr Venkatesh
Designation of the contact person	Managing Director
Address	Coimbatore
Phone	+91 6380956547
E-Mail ID	BIOS INFOTECH@gmail.com

REFERENCE:

1. <https://www.linkedin.com/company/BIOS INFOTECH/>
2. [https://instagram.com/itsBIOS
INFOTECH?igshid=MzRlODBiNWFlZA
==](https://instagram.com/itsBIOS INFOTECH?igshid=MzRlODBiNWFlZA==)