PANIMALAR INSTITUTE OF

TECHNOLOGY

(A Christian Minority Institution)

JAISAKTHI EDUCATIONAL TRUST

INTERNSHIP REPORT

NITHISHA.K

DEPARTMENT OF INFORMATION
TECHNOLOGY
AT

PIXEL STUDIOS PVT LTD

STARTED ON: 29th JUNE   **COMPLETED ON: 20th JULY 2023**

INTRODUCTION

The internship is an integral platform for anyone to gain experience in an actual workplace. Internship is a good opportunity for students to learn, to gain experience and also to make preparation. Men learn through experience, and a real life is full of different kinds of experiences. We will encounter many difficulties and obstacles, and with experiences we are expected to be able to encourage and complete the cleansing process. Experience in my eyes is a very valuable thing in life because we need to be brave in taking risks. It is also not something that we simply create, but we need to undergo through it. By doing my internship in an actual workplace, it helps me to know and discover myself from different angle. It also helps me to control and develop my attitude and behavior in dealing with different kinds of people and situation.

I have decided to take the internship course to grab the golden opportunities to apply theories and knowledge that I have in real working life setting. Through learning in university, I learned about theories but by doing internship, I learned the practical approach on dealing with a real world. Even though it was not that much, it still has profound results in some aspects of my life. In some ways, through the internship, I also have learned that I am still lacking as an individual and employee. Internship helps me to identify my weaknesses and also my strengths. lmmanuel Kant once said, "Experience without theory is blind , but theory without experience is mere intellectual play." The other reason why I choose to take the internship course is as a preparation for more challenging work environment and situation. Our life in school and university is incomparable with working life. A working life is very challenging as it requires great effort, commitment and abilities; those are something that I need to be prepared and trained to.

ABOUT THE ORGANISATION

I did my internship at Pixel Studios, Anna nagar and I have gained a lot of knowledge and experiences. Pixel Studios Digital Design & Marketing Agency. With deep understanding of businesses, we blend art & technology to solve interesting challenges. Thanks to our clients, we are in 22nd year of happy servicing.

Website Design and development

For us website is sacrosanct. Our work on website design considers every tangential component like branding, creativity, usability, technology, security & most importantly performance.

UI/UX designs

Let your users feel the difference in every digital interaction of your brand. Elevate the user experience of your website, mobile or web app with our delivery backed by Design Thinking.

What we learnt ?

During my internship, I had the opportunity to delve into the world of web development and gain practical experience working with three fundamental technologies: HTML, CSS, and JavaScript. This report outlines the valuable knowledge and skills I acquired throughout the internship and the impact they had on my professional growth.

1. Understanding the Basics:

At the beginning of the internship, I grasped the fundamental concepts of HTML (Hypertext Markup Language), which is the backbone of every web page. I learned about different tags, elements, and attributes used to structure the content and create a hierarchy within a web page. Additionally, I became proficient in creating forms and embedding media like images and videos.

2. Styling with CSS:

CSS (Cascading Style Sheets) was another crucial aspect of web development that I dived into. I learned to apply styles, such as colors, fonts, margins, and padding, to enhance the presentation of web pages. Understanding the concept of selectors and specificity allowed me to efficiently target specific elements and control their appearance.

3. Responsive Web Design:

I explored the concept of responsive web design, a critical skill in today's mobile-driven world. I learned how to use CSS media queries to adapt the layout and styles based on the user's device, ensuring that web pages look appealing and function well across various screen sizes.

4. JavaScript:

JavaScript is a versatile programming language that enables dynamic and interactive elements on web pages. Throughout the internship, I gained a solid understanding of JavaScript fundamentals, including variables, data types, functions, and loops. This allowed me to create responsive web elements and handle user interactions effectively.

6. <u>Interactivity and Event Handling:</u>

I became proficient in handling user interactions, such as clicks, inputs, and form submissions, using JavaScript's event handling mechanisms. This knowledge was instrumental in developing user-friendly and interactive web applications.

7. <u>Client-Side Validation:</u>

Understanding how to perform client-side validation using JavaScript was crucial for ensuring data integrity and enhancing the user experience. I learned to validate form inputs to prevent incorrect data from being submitted.

8. <u>Building Simple Web Applications:</u>

As my confidence in HTML, CSS, and JavaScript grew, I had the opportunity to build simple web applications during the internship. This practical experience allowed me to apply theoretical knowledge to real-world scenarios and solidify my understanding.

TASKS ASSIGNED

I started my internship on 28/06/2023 and ended on 20/06/2023.As a intern in Pixel Studios, I was expected to work according to the office hours from 10:30 am until 4:30 pm.I started to work early and ended exceed the office hours because of the commitment of the works. My job description basically is to design website

TASK 1:

We were asked to build a newsletter using basic of html and css using html editor. The newsletter was created with the given refernce by our mentor

028/June/2023
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Nithisha :
https://www.figma.com/file/5p8lEpJPusknPQcCPZfFxw/Pixel-Newsletter-(Copy)?type=design&node-id=0%3A1&mode=design&t=kg9d9HFdWWO6SvXi-1

Rajarajeshwari:
https://www.figma.com/file/vEXG1FkF6KZrYumkteUCR1/Neuberg-Newsletter-(Copy)?type=design&mode=design&t=kg9d9HFdWWO6SvXi-1

Flex References:
https://codepen.io/mikegallon/pen/XeLwNj

https://www.w3docs.com/snippets/html/how-to-display-an-unordered-list-in-two-columns.html

https://www.w3schools.com/css/css3_flexbox.asp

TASK 2:

We were asked to create a website with the reference given below

We implemented a new concept bootstrap to develop the website using a html editor

03/July/2023

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Nithisha :
https://www.figma.com/file/NBhWIRmebYat0qqMcbsofm/Sample-Layout-(Copy)-(Copy)?type=design&node-id=0-1&mode=design&t=boihlLzFPumD9c0L-0

LIVE URL: https://www.rvdbusinessconsulting.com/

Rajarajeshwari:
https://www.figma.com/file/Q3iJ7tGV0wJ4UP1alRCG6t/Navya-Biosciences-(Copy)?type=design&node-id=3-190&mode=design&t=4vwx2p48txeQ3lb0-0

LIVE URL: https://navyabiosciences.com/

Reshma :
https://www.figma.com/file/wdzgubXPCU3VLHVMegiBcE/Ramaniyam-Landing-Page?type=design&node-id=0-1&mode=design&t=ufsmPvqJQZr638Vo-0

Task 3:

Final Project

06/July/2023

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Nithisha :
Create a complete website for **-** Packers & Movers company

Rajarajeshwari :
Create a complete website for **-** Travel & Tourism / Hospitality Startup company
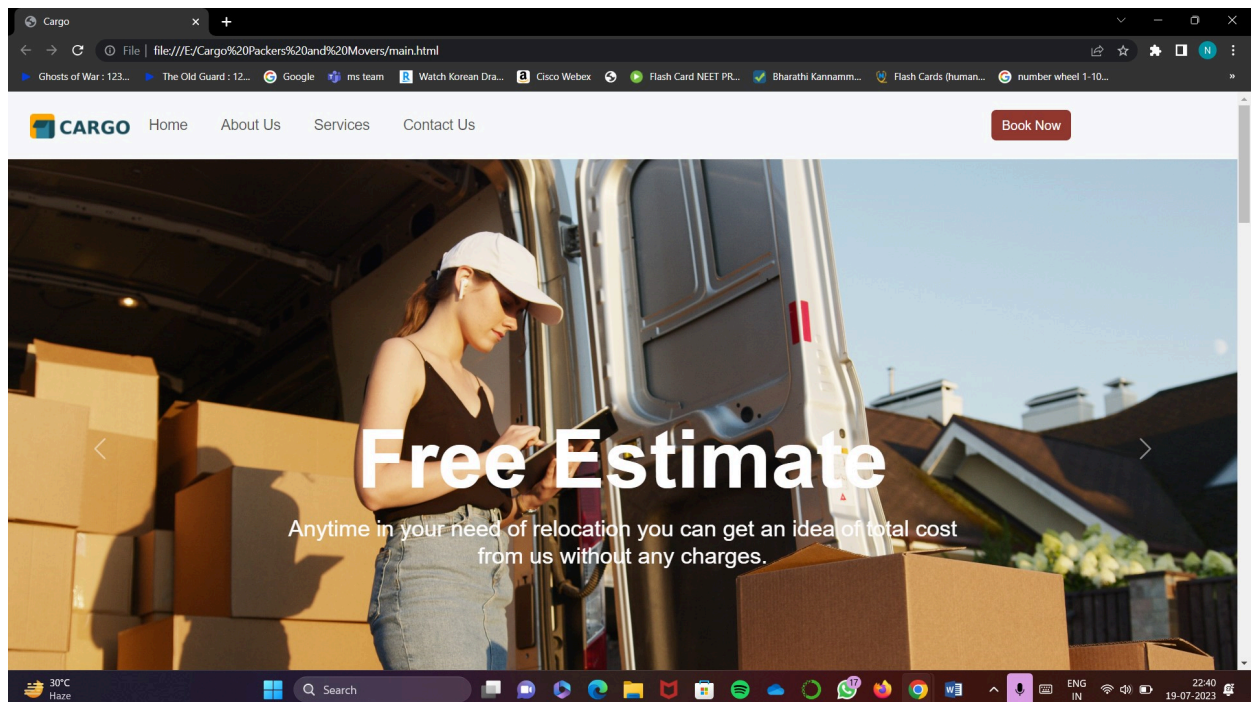
Reshma :
Create a complete website for **-** Beauty & Personal Care Products

FINAL PROJECT

I was assigned a project by my supervisor to create a website using bootstrap 5 in html editor with a theme assigned for me. The outcome of my project was up to trend as I had good guidance and referred many websites in our study for the projects final outcome.

My Website

<u>REFERENCES</u>

1. Bootstrap v5:

   https://getbootstrap.com/docs/5.0/getting-started/introduction/2.

2. W3 schools

   https://www.w3schools.com/bootstrap5/

3. Font Awesome

   https://fontawesome.com/

<u>CONCLUSION</u>

In conclusion, my internship experience with HTML, CSS, and JavaScript was both rewarding and transformative. I gained valuable insights into web development fundamentals, acquired practical skills to create interactive web pages, and learned the significance of collaboration in a professional setting. These learnings have undoubtedly paved the way for my career as a web developer and provided a strong foundation for continuous growth in the ever-evolving world of technology.