

KIET Group of Institutions, Ghaziabad



Internship Report

on

Web Development And Designing

Online Internship at Oasis Infobyte

Mini-Project

Aug-Sept

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Course/Branch/Sem/Sec:

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ACKNOWLEDGEMENT

I am thrilled to seize this golden opportunity to extend my heartfelt gratitude to the Head of Institution at **KIET Group of Institutions of Engineering and Technology** and the Head of the Department of Computer Science and Engineering (CSE). Their unwavering support and invaluable guidance played a vital role in shaping this project report.

I am deeply indebted to every individual who contributed directly or indirectly to the realization of this project. Each person involved has left an significant mark, and I am sincerely thankful for their collective efforts.

A special acknowledgment goes to my colleagues who collaborated seamlessly to bring this project to fruition. It is a testament to our collective hard work, relentless dedication, and collaborative spirit.

I cannot overlook the immense contribution of my parents, whose sound counsel and unwavering support have been a constant source of inspiration. In expressing my gratitude, I am mindful of the unique efforts and contributions of each individual involved, and I am sincerely thankful for the collective energy that brought this project to life.

I am grateful to entire faculty of the Department of Computer Science and Engineering, for their constructive criticisms and valuable suggestions which have been a rich source to improve the quality of this work.

Abstract

This report explores the practical use of HTML, CSS, and JavaScript in web development and design. HTML forms the backbone, helping to organize and structure content on web pages. CSS comes into play for styling, adding colors, fonts, and layout enhancements to make the website visually appealing. JavaScript contributes dynamic features, making the site more interactive and responsive to user actions.

Through hands-on examples and demonstrations, the report illustrates how these three languages work together seamlessly. It emphasizes simplicity and accessibility, making it beginner-friendly for those new to web development. Practical scenarios guide readers through the process of creating a website, showcasing the step-by-step integration of HTML for structure, CSS for style, and JavaScript for functionality.

The report underlines the collaborative nature of HTML, CSS, and JavaScript, showcasing their collective power in building websites that are both functional and visually attractive. By breaking down complex concepts into straightforward examples, it aims to provide practical insights into the world of web development, making it accessible to a wider audience interested in creating engaging and interactive web experiences.

Company Profile

OASIS InfoByte is a dynamic IT company dedicated to transforming digital dreams into reality through personalized software development. With a commitment to excellence, we collaborate closely with our clients throughout the development process, ensuring alignment with their end goals.

Our focus is on producing exceptional software solutions tailored to meet the unique needs of each client. Beyond our corporate endeavors, OASIS InfoByte places a strong emphasis on empowering the youth, particularly students, by fostering self-awareness and exploration in the uncharted realms of technology and growth-oriented fields. We strive to bridge the gap between students and industrial knowledge, bringing them a step closer to realizing their dreams.

As an MSME registered startup, we are always open to connecting with new individuals, inviting them to join us on this journey of continuous learning and immense joy. Our mission is not just to build IT solutions that power businesses but also to contribute to the educational and professional growth of aspiring individuals.

Introduction of Project Internship

In this project, I've utilized the synergy of HTML, CSS, and JavaScript to make user friendly web-application, encompassing the development of a Login page, a basic Calculator app, and a To-Do App. The objective of this is to showcase their seamless integration in creating functional and visually appealing web applications.

Our project begins with a user-friendly login page, where HTML structures the foundation, CSS enhances aesthetics, and JavaScript ensures a secure login process. Transitioning to a basic calculator app, HTML shapes the interface, CSS adds visual appeal, and JavaScript enables real-time calculations.

Culminating in a to-do app, our project showcases the versatility of HTML, CSS, and JavaScript in crafting intricate applications, allowing seamless task management. This venture not only highlights technical proficiency but emphasizes the practical application of these languages in creating user-centric, functional, and visually appealing web solutions.

Details of Tasks Assigned

First Task:- In This task we have assign a work in which we have to make a login authentication system using HTML, CSS, and JavaScript. This foundational step empowers users to register, log in, and securely access a designated page. HTML and CSS define the structure and style, while JavaScript manages user interactions, diligently verifying credentials for heightened security. The system's simplicity enhances the user experience, offering a seamless journey while maintaining the utmost security for the accessed content. Through this streamlined approach, we establish a robust foundation for effective user authentication within our web development project.

Second task:- In 2nd Task I have to create a calculator with basic mathematical functionalities using CSS, HTML, and JavaScript. Calculators require an interactive interface to perform basic functions such as addition, subtraction, division, and multiplication. It will need a display screen to display the user's input and give the results. The grid system in CSS is for the alignments of buttons on the calculator. The additional tools you need to build a fully functional calculator include event Listeners, if-else statements, operators, loops, and so on.

Third task:- In 3rd Task I have to develop a basic to do app that enables a user to add daily tasks. The to-do web app must allow users to add new items to a list, and items added to a list must be visible. Also, a user can mark a task "complete" upon its successful completion, and these completed tasks must appear on a separate list, say Completed Tasks.

I can also add a separate section titled Pending Tasks that will list all the tasks that require completion. In such a case, the to-do list will be a union of the Pending Tasks list and the Completed Tasks list. Irrespective of the list, a user must be able to delete or edit tasks from it. To further increase the web app's complexity or make it more detailed, you can add the date and time when a task is added and/or completed.

Details of Technical learning during delivery of task

- Computer literacy
- Strong numeracy skills
- Strong creative ability
- Attention to detail
- Strong communication skills
- Excellent problem-solving skills
- A logical approach to work
- The ability to explain technical matters clearly
- A keen interest in technology

Conclusion or Outcome of Internship

The culmination of my web development and designing internship, anchored in the triumvirate of HTML, CSS, and JavaScript, has been a transformative journey marked by substantial skill enhancement and practical insights. Through the application of these essential web technologies, I have traversed the realm of crafting responsive and visually appealing web applications.

The practical implementation of HTML in structuring the content laid a robust foundation for the entire development process. CSS, with its styling capabilities, added a layer of visual sophistication, creating aesthetically pleasing interfaces. JavaScript, the dynamic force behind interactivity, breathed life into the applications, enhancing user experience through real-time functionalities.

The development of a user-friendly login page showcased the harmonious integration of HTML for structure, CSS for style, and JavaScript for interactive functionalities. Progressing to a basic calculator app highlighted the dynamic potential of JavaScript in performing real-time calculations, while the creation of a to-do app underscored the versatility of these languages in managing complex tasks seamlessly.

This internship has not only equipped me with technical proficiency but also honed my problem-solving skills and creativity in web development. It has provided valuable hands-on experience, allowing me to witness the tangible impact of coding decisions on the end-user experience. As I conclude this internship, I am poised to apply this knowledge in future endeavors, appreciating the collaborative power of HTML, CSS, and JavaScript in sculpting functional, user-centric, and visually captivating web application.

Future scope of work

Web designing or web development is a short-term professional job-oriented course. There are huge opportunities available for the students who want to work in this field. Many private and public organizations hire web designer for their online work and website development. With the rapid advent of online industry, the demand of web development professionals is increasing and this has created a huge job opportunity for the aspirants in the upcoming days.

Also, an experienced person in this field can also work as a freelancer; there are many online companies which provide online projects to the individuals.

References

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4. <https://oasisinfobyte.com/>
5. <https://www.tutorialspoint.com/css/index.htm>
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7. <https://openai.com/blog/chatgpt>
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Internship Offer Letter



OASIS INFOBYTE

INTERNSHIP OFFER LETTER

OIB/J2/IP2547

Dear Piyush Raj

6/10/2023

We are delighted to welcome you for the internship of **Web Development and Designing** in our fellowship. This internship is observed by **Oasis Infobyte** as being a learning opportunity for you.

In essence, your internship will embrace orientation and give emphasis on learning new skills with a deeper understanding of concepts through hands-on application of the knowledge you gained as an intern. Our team is confident that you will acknowledge your obligation to perform all work allocated to you to the best of your ability within lawful and reasonable direction given to you.

We look forward to a worthwhile and fruitful association which will make you equipped for future projects. wishing you the most enjoyable and truly meaningful internship program experience.

Thank you
Team Oasis Infobyte



 contact@oasisinfobyte.in

 www.oasisinfobyte.com



Certificate

CERTIFICATE OF ***COMPLETION***

7/15/2023

This certificate is proudly presented to

Piyush Raj

for successful completion of **1 month internship** in
Web Development and Designing
with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

OIB/J2/IP1631

🌐 www.oasisinfobyte.com



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