

A WD Course Project Report on

“Portfolio Web”

*SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF*

BACHELOR OF TECHNOLOGY

IN

“Computer Engineering”

OF

VISHWAKARMA INSTITUTE OF TECHNOLOGY

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UNDER THE GUIDANCE OF

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DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES

BANSILAL RAMNATH AGARWAL CHARITABLE TRUST'S

VISHWAKARMA INSTITUTE OF TECHNOLOGY

(An Autonomous Institute affiliated to Savitribai Phule Pune University)

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BANSILAL RAMNATH AGARWAL CHARITABLE TRUST'S
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CERTIFICATE

This is to certify that the Course Project titled **“Portfolio Web”** submitted by **Ayush Wable (12413403), Ayush Sharma (12410458), Harshad Babar (12412415), Rajlaxmi Babar (12410832), Atharva Bacchewar (12410107), Pranav Bachhav (12411571)** is in partial fulfillment for the award of Degree of Bachelor of Technology in **Computer Engineering** of Vishwakarma Institute of Technology, Savitribai Phule Pune University. This project report is a record of bonafide work carried out by him under my guidance during the academic year 2023-24.

Guide
Prof. Manisha More

HOD, DESH
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Place: VIT, Pune
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PROJECT SYNOPSIS

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Academic Year : 2024-2025
 Project Title : Portfolio Web
 Project Area : Web Development
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Signature of Internal Guide

ACKNOWLEDGEMENT

We would like to take this opportunity to express our deepest gratitude for the invaluable guidance and support we received throughout the development of this portfolio website. The constructive feedback, expert advice, and continuous encouragement we received were vital to the successful completion of this project. The insights provided helped us refine our approach, address challenges, and improve the overall quality of our work. It was through this guidance that we were able to maintain focus and achieve the objectives set for this project, while also enhancing our technical understanding of web development. The support we received not only helped us improve our project but also allowed us to grow as developers and as a team.

We are equally grateful for the resources, tools, and opportunities that enabled us to bring this project to life. The access to advanced software, learning materials, and a supportive working environment played a crucial role in our ability to develop a functional and aesthetically pleasing portfolio website. This experience gave us the chance to apply theoretical concepts we have learned in practical scenarios, testing and refining our skills throughout the process. We were able to apply various technologies such as HTML, CSS, and JavaScript to create a cohesive, user-friendly site, and in doing so, we furthered our understanding of web development in real-world contexts. The project was not only a learning opportunity but also a chance to demonstrate our creativity and problem-solving abilities.

Lastly, we would like to acknowledge the unwavering dedication and effort of every team member who contributed to the success of this project. Each member played a crucial role in its completion, from the initial planning and design stages to the final testing and deployment. The cooperation, communication, and collaborative spirit displayed by each individual were integral to overcoming challenges and ensuring that we met the deadlines. The diverse strengths and skills each team member brought to the table were key to the success of this project. We would also like to thank our families and friends for their constant support, encouragement, and understanding. Their patience and motivation allowed us to stay focused and committed throughout the project's duration. This project stands as a testament to the power of teamwork, perseverance, and the collective effort that went into its creation.

Introduction

This project focuses on the development of a portfolio website that showcases our skills, knowledge, and achievements in the field of web development. The primary objective of this project was to create an interactive and visually appealing website using HTML, CSS, and JavaScript. The website serves as a digital representation of our individual and collective abilities, offering an opportunity to display our work in a professional and user-friendly format.

Through this project, we sought to apply the concepts we have learned throughout our coursework, allowing us to enhance our technical expertise in web development while gaining practical experience in building responsive websites. By integrating modern design principles with functional coding practices, we aimed to create a portfolio that is not only visually engaging but also demonstrates our ability to use code effectively to achieve a seamless user experience.

The development of this website was a collaborative effort that required effective teamwork, communication, and time management. Each team member contributed their skills in various aspects of the project, from the initial planning and wireframing stages to the final coding and testing phases. The website is designed to be intuitive, easily navigable, and accessible on different devices, ensuring that potential clients, employers, or collaborators can interact with it smoothly and efficiently.

In addition to showcasing our technical skills, this project also allowed us to explore the creative side of web development. From selecting colour schemes and typography to designing layouts that enhance user engagement, the design decisions made throughout this project reflect the importance of balancing aesthetics with functionality. The portfolio website not only highlights our individual strengths but also demonstrates our ability to work collaboratively as a team, with each member contributing their expertise and creativity to bring the final product to life.

This project has been an enriching experience, offering practical exposure to the tools and techniques commonly used in the industry. The challenges we faced during the development process allowed us to grow as web developers and as a team, enhancing both our problem-solving skills and our ability to collaborate effectively.

Codes of main modules used in project

Module No.1
Explanation
code

Screenshots of results

Screenshot no.1 explanation

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Conclusion

The development of this portfolio website has been a highly rewarding experience that allowed us to apply and refine our web development skills. Throughout this project, we successfully implemented a variety of technologies, including HTML, CSS, and JavaScript, to create a functional, responsive, and aesthetically pleasing website. The project not only served as a platform to showcase our work but also provided valuable insights into the challenges and intricacies involved in web development. From the initial stages of planning and design to the final implementation and testing, each phase of the project was a learning opportunity that contributed to both our technical and collaborative growth.

One of the key takeaways from this project was the importance of planning and teamwork. Each member brought their individual strengths to the table, whether it was in coding, design, or testing, and the success of the project was a direct result of our ability to work together effectively. Through open communication, regular feedback, and shared responsibility, we were able to overcome challenges and meet deadlines, ensuring that the final product was of high quality. The collaborative nature of this project also allowed us to learn from one another, enhancing our problem-solving skills and expanding our understanding of web development.

Additionally, this project allowed us to explore various design principles and best practices, such as responsive design, accessibility, and user experience. By focusing on these aspects, we ensured that the website is not only visually appealing but also user-friendly and accessible across multiple devices. This experience has highlighted the importance of considering the end user when designing a website, as user experience plays a crucial role in the overall success of a digital product.

In conclusion, this portfolio website project has been an invaluable learning experience that has prepared us for future endeavours in the field of web development. It has allowed us to develop and showcase a practical skill set that is essential for pursuing a career in web design and development. The knowledge and experience gained from this project will serve as a strong foundation for further exploration and growth in this field. As we continue to enhance our technical skills and expand our portfolios, this project will remain a testament to our dedication, teamwork, and commitment to creating functional and innovative web solutions.

References