

The Field Project Report
For Bachelors of Arts/Commerce/Science Degree

"Online Portfolio Website"

Submitted to



"B.Sc. (Computer Science)"
New Arts, Commerce and Science College, Ahmednagar
(Autonomous)

In

"B.Sc. (Computer Science)"

Submitted by

"Lagad Aditya Sandip"

Under the Guidance of

"Prof. T. S. Thange"

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
NEW ARTS, COMMERCE AND SCIENCE COLLEGE
AHMEDNAGAR
(Autonomous)



DEPARTMENT OF Computer Science

CERTIFICATE

This is to certify that the work incorporated in the field project report on **"Online Portfolio Website"** submitted by **Lagad Aditya Sandip**, student of New Arts, Commerce and Science College, Ahmednagar, (Autonomous) is submitted in the partial requirement for the Bachelor's Degree in (Name of the subject).

Project Guide

Prof. T. S. Thange

Head

Prof. Arun Gangarde

Acknowledgement

I take this opportunity to express my deep gratitude to Prof. T. S. Thange, my respected guide, for his constant guidance, support, and constructive feedback during the completion of this project. His expertise in web technologies and problem-solving approach greatly inspired me.

I also extend my thanks to the Department of Computer Science, New Arts, Commerce & Science College, Ahilyanagar, for providing resources and infrastructure.

Lastly, I would like to thank my family and friends for their continuous motivation, patience, and encouragement throughout the project development.

This project, “Online Portfolio Website,” has provided me with a great learning experience and a practical understanding of web development concepts, and I owe this success to all those who guided and supported me directly or indirectly

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Continuous Assessment

Name of the Student: -Lagad Aditya Sandip.

Name of the Mentor: - Prof. T. S. Thange.

Name of the Field Project: -Online Portfolio Website.

Month and Year: -11/2025

Week	No. of Hour	Work done by Student	Guide Remark
1	02 hours	Field visit	
2	05 hours	Data collection	
3	15 hours	System design	
4	15 hours	Implementation	
5	10 hours	Testing	
6	10 hours	Deployment	

Head of the Department

Introduction

Origin of the Problem

In the modern digital world, every student and professional needs an online platform to represent their academic and career achievements. Traditional printed resumes provide limited interaction and visibility, while an Online Portfolio Website enables anyone to showcase their skills, projects, and background globally in a creative, dynamic, and accessible way.

As technology advances, employers and institutions increasingly look for candidates who demonstrate both technical ability and digital awareness. A personal portfolio website bridges this gap — it serves as a digital identity that reflects an individual's technical proficiency, personality, and creativity.

The motivation behind developing this project was to build a real-world application that could highlight my learning from the F.Y. B.Sc. (Computer Science) course. It combines theoretical understanding of HTML, CSS, and JavaScript with practical design and coding experience.

Through this project, I aimed to:

1) Transform a traditional resume into a responsive, modern website.

2) Apply front-end web development concepts in a structured project.

3) Gain confidence in independently building and deploying a web solution.

This project thus connects classroom knowledge with industry-relevant web development skills.

Aim and Objectives

Aim

To design, develop, and deploy a responsive, user-friendly Online Portfolio Website that effectively presents academic, personal, and professional information using standard web technologies.

Objectives

- 1) To create a digital portfolio showcasing personal, academic, and project details.**
- 2) To apply front-end web development technologies — HTML5, CSS3, and JavaScript — for structure, style, and interactivity.**
- 3) To design a responsive layout that adapts seamlessly to desktops, tablets, and smartphones.**
- 4) To ensure easy navigation through a clear menu structure connecting all sections (Home, About, Skills, Education, Projects, and Contact).**
- 5) To improve knowledge of semantic HTML, cascading style sheets, and client-side scripting.**
- 6) To learn the process of debugging, validating, and optimizing a web project.**
- 7) To experience the full Software Development Life Cycle (SDLC) — from requirement analysis to testing and deployment.**
- 8) To develop creativity, attention to design detail, and user-interface thinking through a practical project.**

Methodologies

The development followed the **Software Development Life Cycle (SDLC)**, ensuring a systematic and step-by-step approach.

5.1 Requirement Analysis

- 1) Identified the need to present personal information, academic background, and project details.**
- 2) Determined the website's structure and design components (header, footer, navigation).**
- 3) Selected appropriate tools and technologies for implementation.**

5.2 Design

- 1) Created layout sketches and mock-ups for each page.**
- 2) Chose a simple, clean color palette and legible fonts for readability.**
- 3) Ensured responsive layout using CSS Flexbox and media queries.**

5.3 Development

- 1) HTML5: Defined structure of the web pages.**
- 2) CSS3: Styled and formatted elements for an attractive design.**
- 3) JavaScript: Added interactivity, such as animations or dynamic effects.**
- 4) Implemented navigation links between pages for a smooth browsing experience.**

5.4 Testing

- 1) Tested on multiple browsers (Chrome, Firefox, Edge) and devices (mobile, tablet, desktop).**
- 2) Checked for broken links, design alignment issues, and responsiveness.**
- 3) Validated code using W3C Validator tools.**

5.5 Deployment

- 1) The project was developed and previewed using Visual Studio Code (Live Server).**
- 2) It can be hosted on GitHub Pages for public access.**

Results and Discussion

The final Online Portfolio Website contains six major sections:

6.1 Home Page

- 1) Displays name, tagline, and introduction.**
- 2) Represents the identity and theme of the portfolio.**

6.2 About Page

- 1) Describes personal and educational background, interests, and career goals.**

6.3 Skills Page

- 1) Lists both technical and soft skills.**
- 2) Highlights programming languages and tools such as C, HTML, CSS, JavaScript, and SQL.**

6.4 Education Page

- 1) Displays academic history, institution names, and percentages.**

6.5 Projects Page

- 1) Showcases project titles and short descriptions.**
- 2) Demonstrates practical application of knowledge.**

6.6 Contact Page

- 1) Includes a contact form and contact details.**
- 2) Allows visitors to send messages or inquiries easily.**

The website was thoroughly tested and performs efficiently across various screen sizes. The final output is aesthetically pleasing, responsive, and well-organized.

Conclusions

The project “Online Portfolio Website” successfully demonstrates the creation of a personal digital profile using front-end technologies.

It provided hands-on experience with HTML, CSS, and JavaScript, strengthening both technical and design skills.

This project not only fulfills academic requirements but also enhances personal branding opportunities, enabling a professional online identity.

Through this project, I learned how to design, develop, test, and present a real-world web application. It improved my analytical, problem-solving, and creative thinking abilities.

Recommendations

1) Add a backend system using PHP and MySQL to store contact form submissions.

2) Include a login feature for the admin to update data dynamically.

3) Integrate animations and transitions for improved user engagement.

4) Add downloadable resume and certificate section for professional use.

5) Make the website SEO-friendly for better online visibility.

6) Deploy the final version using a custom domain name for global access