



Portfolio Web Application

Professor: Dr. Robert Gilliland

Team Members: Gaddam Akruth Reddy (Y00861805)
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Overview

Developed a personal portfolio website using HTML, CSS, and JavaScript.

Purpose: To create an online presence showcasing the student's skills, experiences, and projects.

Key Achievements:

Completed wireframe design, HTML structure, CSS styling, and JavaScript interactivity.

Delivered a fully responsive and interactive website.

Deployed application using AWS



Introduction

1.1 Background

The personal portfolio website acts as an essential tool for personal branding and showcasing skills.

Technologies used: HTML, CSS, JavaScript

1.2 Problem Statement

In today's competitive job market, presenting a structured, professional, and visually appealing online portfolio is critical.

1.3 Objectives

Build a structured HTML foundation.

Style the website using CSS for visual appeal and responsiveness.

Enhance interactivity using JavaScript.

Ensure cross-device compatibility with responsive design.

Deploying application in AWS using s3 bucket



Wireframe Design

Overview of Wireframe:

Divided into four main sections:

Home: Welcome message.

Hometown: Images and details.

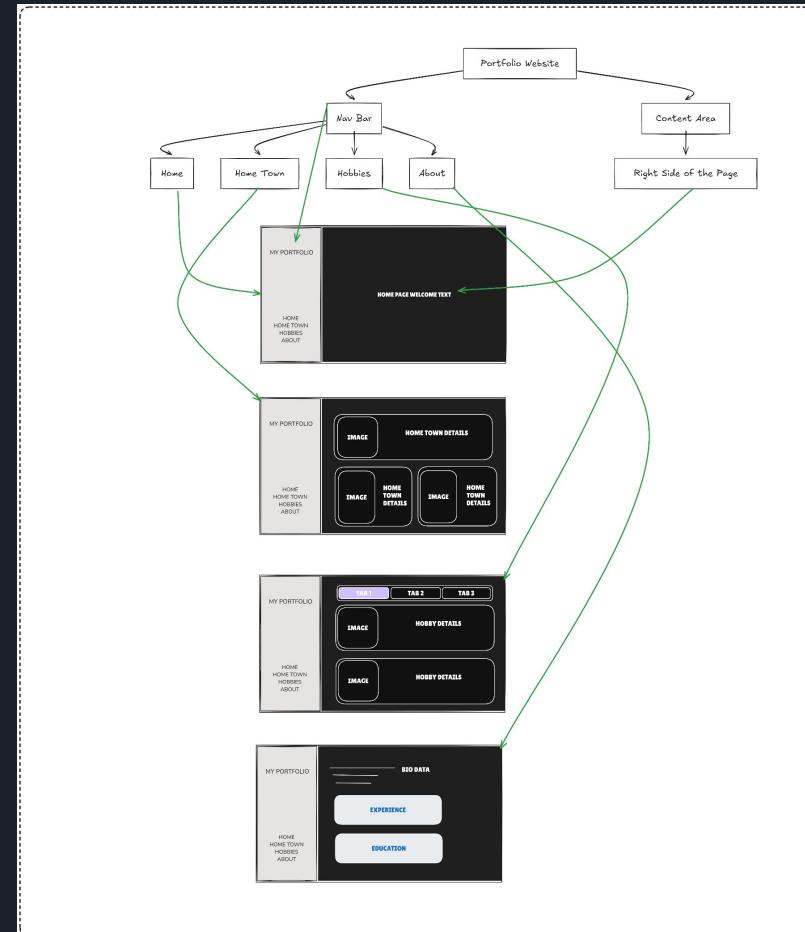
Hobbies: Tabbed interface showcasing hobbies.

About Me: Describing about my personal data and contact form

Purpose:

Served as a blueprint for development.

Ensured a consistent and user-friendly flow.





Development Progress

HTML Structure

Completed Tasks:

Built the structure of Home, Hometown, Hobbies, and About Me sections.

Navigation bar created and linked.

Semantic HTML for scalability and compliance with web standards.

CSS Styling

Responsive design using media queries.

Styled navigation bar with hover effects and active link highlighting.

Flexbox and Grid used for content layout.

JavaScript Integration

Interactive Features Added:

Tabbed interface for hobbies section.

Form validation for contact inputs.



Key Challenges

Wireframe Refinement:

Several iterations were required to optimize clarity and usability.

Responsive Design:

Adapting layouts for various devices required extensive testing.

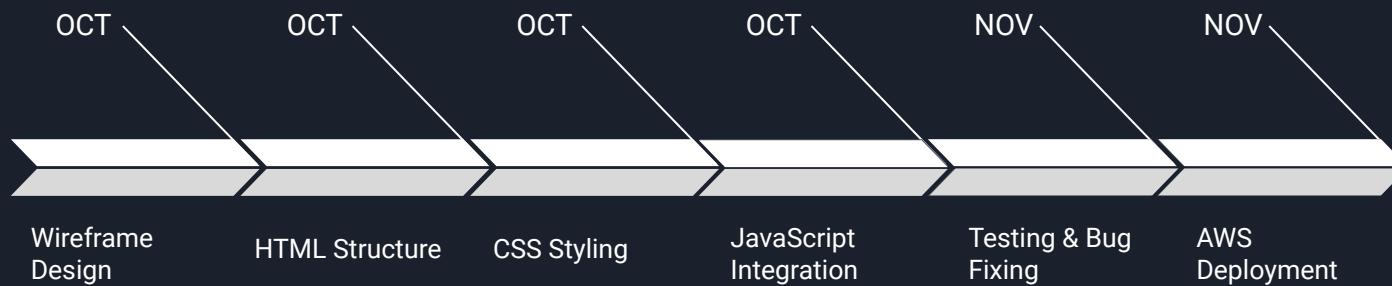
JavaScript Integration:

Ensuring smooth interactions and debugging logic for the tabbed interface.

AWS Deployment:

Deploying application in AWS using s3 bucket service

Project timeline



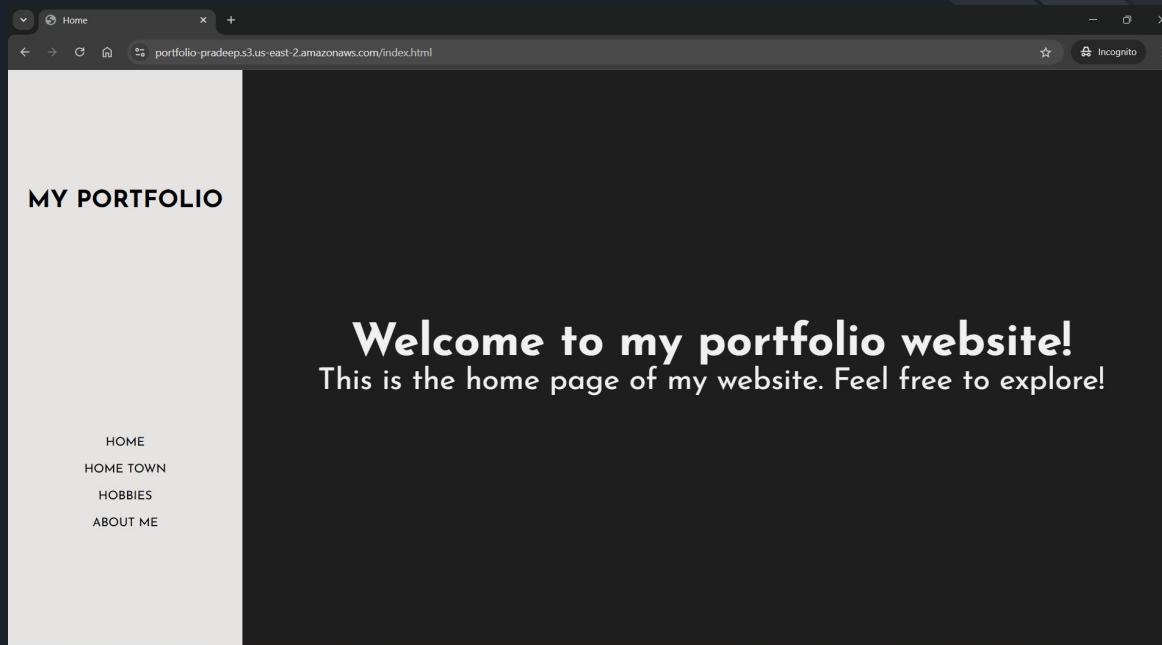


Live Website Demo

[Deployed Application URL](#)

DESKTOP WALKTHROUGH:

DASHBOARD / LANDING PAGE:





HOME TOWN

MY PORTFOLIO

[HOME](#)
[HOME TOWN](#)
[HOBBIES](#)
[ABOUT ME](#)

<https://portfolio-pradeep.s3.us-east-2.amazonaws.com/hometown.html>

My Hometown

portfolio-pradeep.s3.us-east-2.amazonaws.com/hometown.html

About My Hometown



Hyderabad, often referred to as the "City of Pearls" or the "City of Nizams," is the capital city of the Indian state of Telangana. It is one of the largest and most populous cities in India, known for its rich history, vibrant culture, and architectural heritage.

[See More](#)

Tourist Attractions



The Charminar is a monument located in Hyderabad, Telangana, India. Constructed in 1591, the landmark is a symbol of Hyderabad and officially incorporated in the emblem of Telangana.

[See More](#)



Golconda is a fortified citadel and ruined city located in the western outskirts of Hyderabad, Telangana, India. The fort was originally built by Kakatiya ruler Prataparudra in the 11th century out of mud walls.

[See More](#)

HOBBIES

My Portfolio

HOME
HOMETOWN
Hobbies
ABOUT ME

MAIN HOBBIES



Photography is not just a hobby for me; it's a deeply ingrained passion that brings me immense joy and fulfillment. Ever since I picked up my first camera, I've been captivated by the art of capturing moments and telling stories through images. Photography allows me to express myself in ways that words cannot, to see the world through a different lens, and to share my unique perspective with others.

LEISURE HOBBIES



Astronomy is more than just a hobby for me; it's a lifelong passion that fills me with wonder and awe every time I gaze up at the night sky. From the twinkling of distant stars to the dance of planets across the heavens, astronomy allows me to explore the vastness of the universe and unlock the secrets of the cosmos. When I'm observing the night sky through my telescope, I feel a sense of excitement and anticipation, knowing that I'm glimpsing objects that are millions or even billions of light-years away. Each time I peer through the eyepiece, I'm transported to distant worlds, marveling at the beauty and complexity of the universe. But astronomy is more than just stargazing; it's also a journey of discovery and exploration.

<https://portfolio-pradeep.s3.us-east-2.amazonaws.com/hobbies.html>

My Portfolio

HOME
HOMETOWN
Hobbies
ABOUT ME

MAIN HOBBIES

Cooking

Cooking is not just a hobby for me; it's a passion that ignites my creativity and nourishes my soul. Whether I'm experimenting with new ingredients, mastering classic recipes, or crafting my own culinary creations, cooking allows me to express myself in the most delicious way possible. When I step into the kitchen, I feel a sense of excitement and anticipation, knowing that each dish I prepare is an opportunity to delight the senses and bring joy to others. From the sizzle of onions in a hot pan to the aroma of freshly baked bread filling the air, cooking engages all of my senses and transports me to a world of flavors, textures, and colors.

Traveling

Badminton

Playing badminton is my favorite way to stay active and have fun. It's not just a sport; it's a thrilling experience that gets my heart pumping and my adrenaline flowing. When I step onto the court with racket in hand, I feel a sense of excitement and anticipation, knowing that every rally is a chance to showcase my skills and push myself to new limits.

<https://portfolio-pradeep.s3.us-east-2.amazonaws.com/hobbies.html>



ABOUT ME

The screenshot shows a dark-themed web browser window with a header bar containing icons for back, forward, search, and refresh, along with the URL "portfolio-pradeep.s3.us-east-2.amazonaws.com/about.html". The main content area displays an "About Me" section, a "MY PORTFOLIO" section, an "Education" section with a table, a "Contact Me" section with address and LinkedIn information, and a message submission form.

MY PORTFOLIO

• Hi, I'm Pradeep Narikelapu, a student currently pursuing my Master's in Computer Science at Youngstown State University. I am passionate about software development, and I enjoy learning new things and solving challenges. I have gained experience in building websites by working on a portfolio project, and I am excited to apply my knowledge in real-world situations. I'm always looking to grow and develop my skills. Thank you for visiting my portfolio!

Education

S NO	Degree/Program	Institution	CGPA	Location
1	High School	Narayana	90%	Hyderabad
2	Bachelor of Science (BS)	JNTUH	65%	Hyderabad

Contact Me

- Address: 5-243A, millu subbaiah Bazar, janapadu, Piduguralla, Andhra Pradesh, India
- [LinkedIn](#): [Connect via linkedin](#)

Send Me a Message !

SUBMIT

HOME
HOME TOWN
HOBBIES
ABOUT ME



Mobile Walkthrough

DASHBOARD



RESPONSIVE NAV BAR



HOMETOWN , HOBBIES , ABOUT ME

MY PORTFOLIO



About My Hometown



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...-pradeep.s3.us-east-2.amazonaws.com

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Conclusion



Project Outcome: Delivered a fully functional, visually appealing, and interactive portfolio website.

Compatibility: Tested across 5 major browsers.

Responsive Design: Passed testing on mobile, tablet, and desktop.

Hosting Website: Deployed application using AWS S3 bucket.

User Feedback:

Collected feedback from peers and mentors; the design and usability were highly appreciated.



Team Member Contribution

1. Gaddam Akruth Reddy

Contributions:

Led the wireframe design process to ensure a clear and professional structure.

Developed the HTML structure for the portfolio, including navigation and placeholders.

Assisted in testing the website for cross-browser compatibility.

2. Rohith Reddy Koyya

Contributions:

Focused on CSS styling, ensuring a responsive and visually appealing layout.

Implemented Flexbox and Grid for optimal content positioning across devices.

Enhanced navigation aesthetics with hover effects and active link highlights.

3. Pradeep Narikelapu

Contributions:

Led the JavaScript integration, adding dynamic functionality like the tabbed hobbies section.

Conducted form validation to improve interactivity.

4. Deployment Collaboration

Joint Efforts:

All team members worked collaboratively to deploy the website on AWS S3.

Configured the AWS bucket for public access and ensured proper hosting.

Conducted testing to validate deployment and accessibility.

Thank you!

