



Portfolio Web Application

Professor: Dr. Robert Gilliland

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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. Background

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

Technologies used: HTML, CSS, JavaScript

2. Problem Statement

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

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.

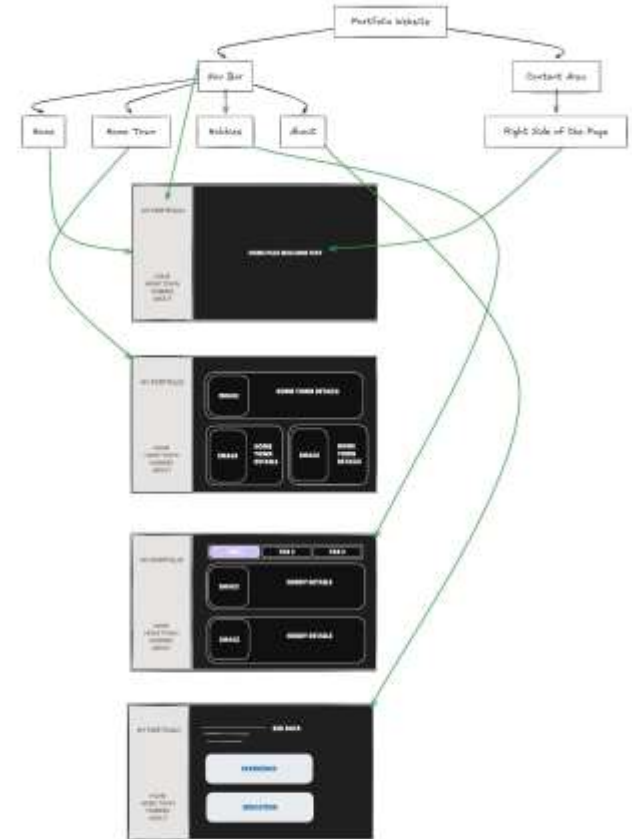
Hobbies: Tabbed interface showcasing hobbies.

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:

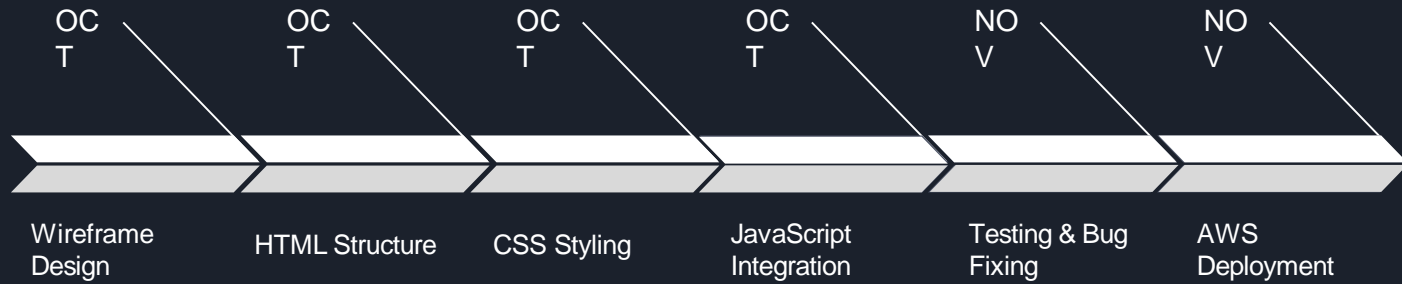
Ensuring smooth interactions and debugging logic for the tabbed interface.

AWS Deployment:

Deploying application in AWS using s3 bucket service



Project timeline

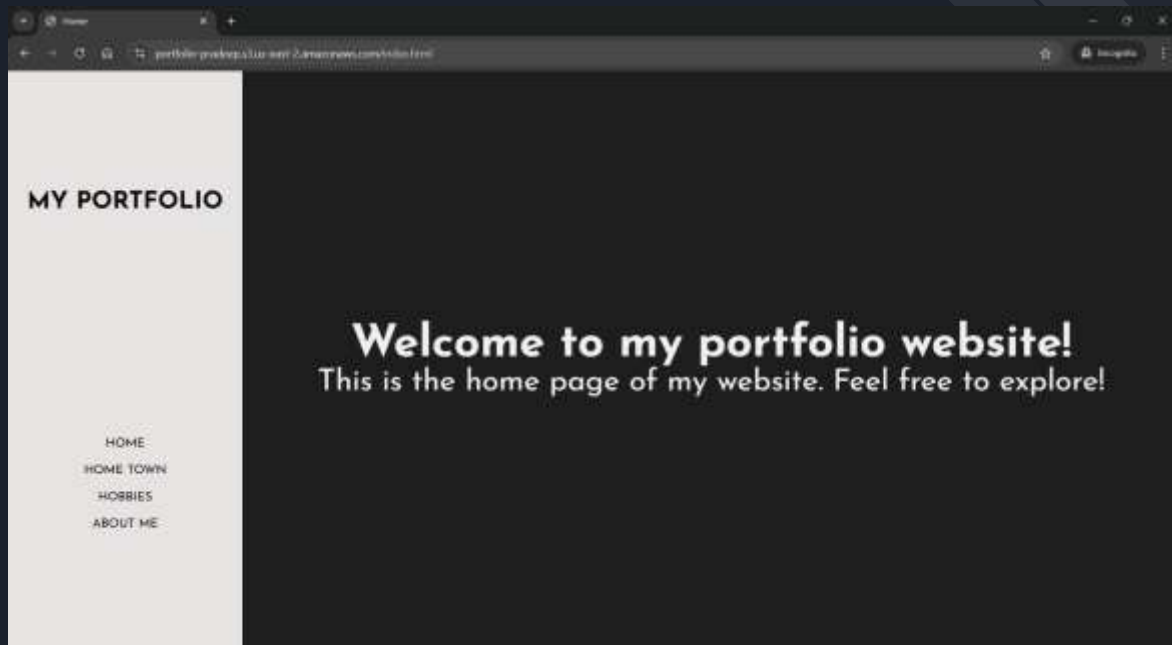


Live Website Demo

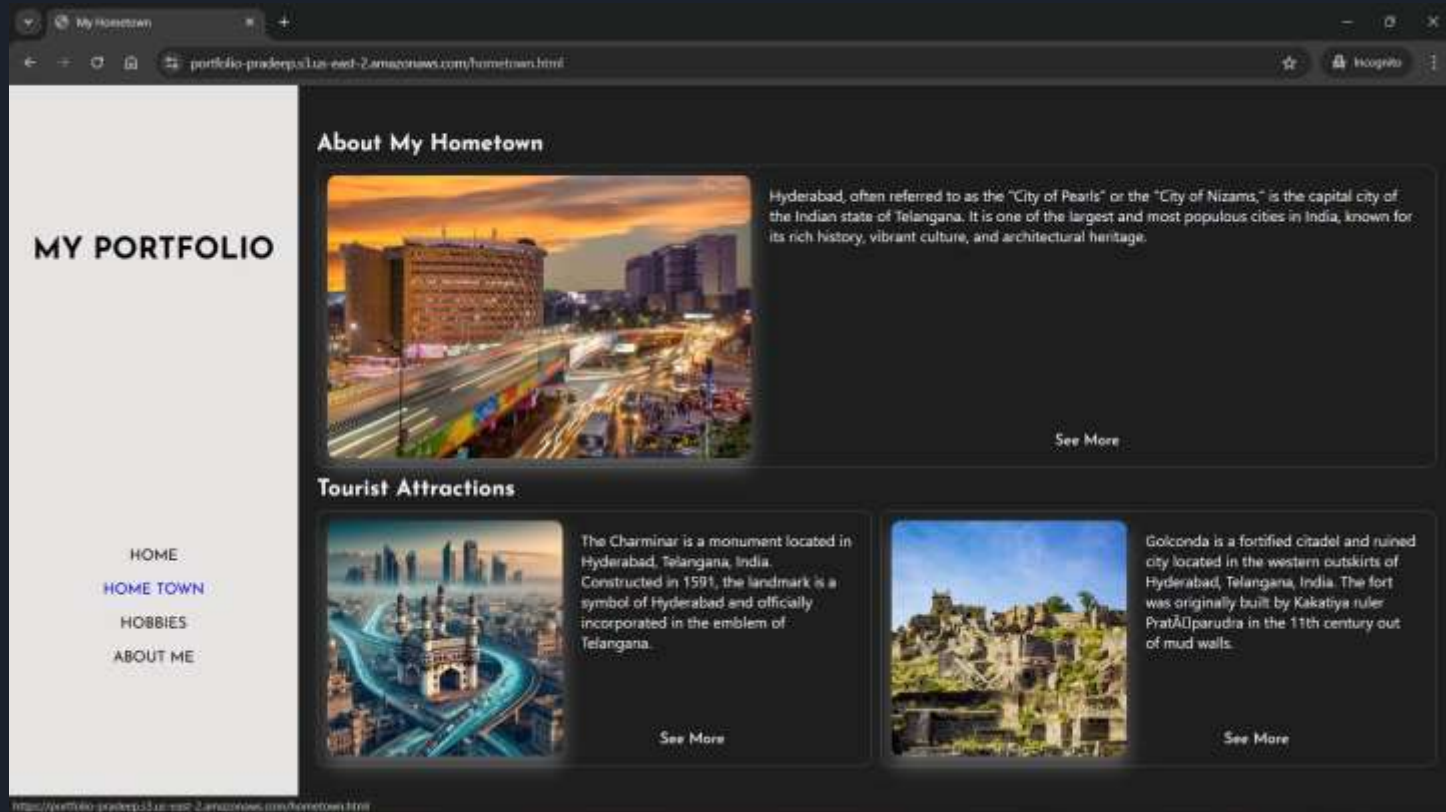
[Deployed Application URL](#)

DESKTOP WALKTHROUGH:

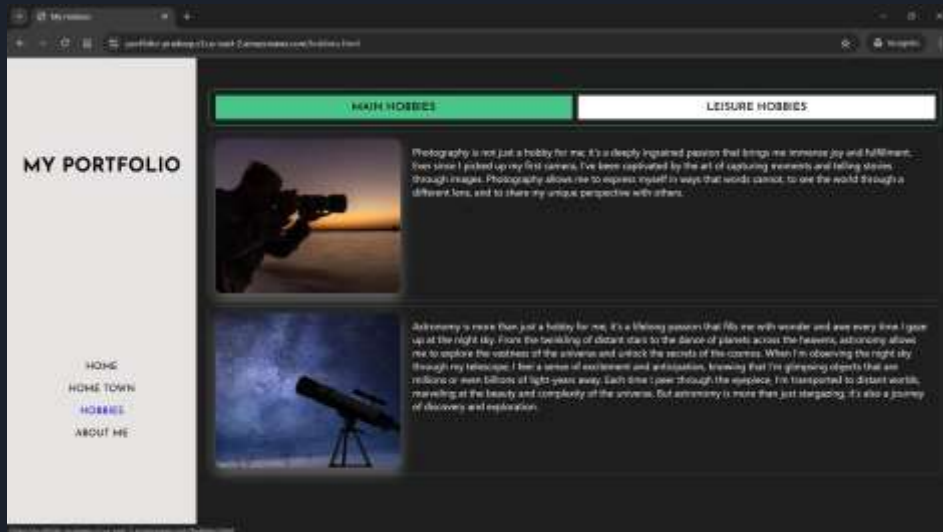
DASHBOARD / LANDING PAGE:



HOME TOWN



HOBBIES



ABOUT ME

MY PORTFOLIO


HOME
HOME TOWN
HOBBIES
ABOUT ME

• Hi, I'm Pradeep Norikela, 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: S-243A, millu subbaiah Bazar, janapadu, Piduguralla, Andhra Pradesh, India
-  Linked In: [Connect via linkedin](#)

Send Me a Message!

SUBMIT

Mobile Walkthrough

DASHBOARD



RESPONSIVE NAV BAR



HOMETOWN ,HOBBIES ,ABOUT ME

MY PORTFOLIO

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



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MY PORTFOLIO

MAIN HOBBIES

LEISURE 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.

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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!

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



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!

