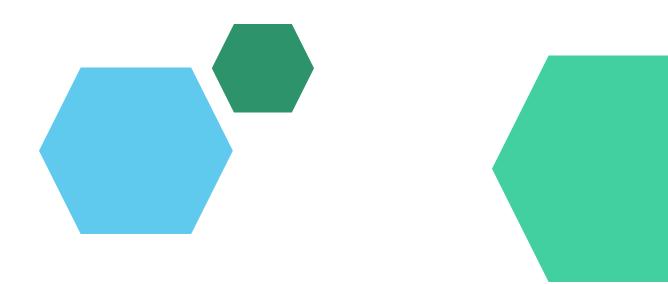# Digital Portfolio

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COLLEGE: COLLEGE/ UNIVERSITY

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PROJECT TITLE

Personal Portfolio Website

AGENDA

1. Problem Statement
2. Project Overview
3. End Users
4. Tools and Technologies
5. Portfolio design and Layout
6. Features and Functionality
7. Results and Screenshots
8. Conclusion
9. Github Link

PROBLEM STATEMENT

Problem Statement:

Many developers struggle to showcase their skills and projects in an organized way. This project solves that problem by creating a clean, responsive personal website where my work, skills, and contact details are easily accessible.

PROJECT OVERVIEW

Overview:

A fully responsive portfolio website built with HTML, CSS, and JavaScript. It highlights my skills, showcases projects, and provides easy navigation for visitors to learn more about me.

WHO ARE THE END USERS?

End Users: Recruiters, hiring managers, potential clients, and collaborators who want to quickly learn about my skills, experience, and projects.

TOOLS AND TECHNIQUES

Tools: HTML5, CSS3, JavaScript, GitHub Pages

Techniques: Responsive design, smooth scrolling, mobile-first development

POTFOLIO DESIGN AND LAYOUT

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Karthick | Certificates</title>
<link rel="stylesheet" href="style.css">
</head>
<body>
<!-- Header -->
<header>
<h1>Karthick's Certificates</h1>
<nav>
<ul>
<li><a href="#certificates">Certificates</a></li>
<li><a href="#about">About Me</a></li>
<li><a href="#contact">Contact</a></li>
</ul>
</nav>
</header>

<!-- Hero -->
<section class="hero">
<h2>Welcome to My Certificate Showcase</h2>
<p id="greeting"></p>
</section>

<!-- Certificates Section -->
<section id="certificates">
<h2>My Certificates</h2>
<div class="certificate-grid">

<div class="certificate-card">
<img src="cert1.jpg" alt="Certificate 1">
<h3>Web Development Certificate</h3>
<p>Issued by XYZ Academy</p>
</div>
```

```javascript
// Dynamic greeting
const greetingElement = document.getElementById("greeting");

const hours = new Date().getHours();
let greetingText = "";

if (hours < 12) {
greetingText = "Good Morning 🌞";
} else if (hours < 18) {
greetingText = "Good Afternoon ☀️";
} else {
greetingText = "Good Evening 🌙";
}

greetingElement.textContent = `${greetingText}, welcome to my certificate showcase!`;
```

FEATURES AND FUNCTIONALITY

1. Responsive Design

Works smoothly on desktop, tablet, and mobile devices.

2. Certificate Showcase Grid

Displays certificates in a clean card/grid layout.

Each card includes a certificate image, title, and issuing authority.

3. Image Preview / Zoom (Optional)

When a user clicks on a certificate, it opens in a larger modal/lightbox for easy viewing.

4. Dynamic Greeting

Shows a personalized greeting ("Good Morning / Afternoon / Evening") using JavaScript.

5. Navigation Bar with Smooth Scrolling

Clicking on navigation links scrolls smoothly to the respective section.

6. About Me Section

Gives a short introduction about you, your skills, and learning journey.

7. Contact Section

Includes email, GitHub link, and optionally LinkedIn.

Clicking opens email or redirects to your GitHub profile.

8. Hover Effects

Certificates animate slightly (lift/zoom) when hovered for a modern UI.

9. Footer with Branding

RESULTS AND SCREENSHOTS

The Certificate Portfolio website successfully showcases all my achievements in a clean, responsive, and user-friendly design. Visitors can easily view my certificates, read details about each one, and learn more about my skills and learning journey. The site is fully hosted on GitHub Pages, making it accessible from anywhere and providing a professional way to present my certifications to recruiters, peers, and collaborators.

CONCLUSION

The Certificate Portfolio website provides a professional platform to showcase my certifications and achievements in an organized way. It helps recruiters, mentors, and peers quickly view my skills and learning progress. By hosting it on GitHub Pages, I have made my accomplishments easily accessible and shareable.

This project not only highlights my technical knowledge but also demonstrates my ability to build and maintain a personal web presence. In the future, I plan to enhance the portfolio by adding search filters, categories, and downloadable certificates, making it even more interactive and user-friendly.