

RAJALAKSHMI ENGINEERING COLLEGE

Department of AIML

Web Technology & Mobile Applications ASSIGNMENT 1

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AIML FA

Portfolio Website

Introduction

As part of my Web Technology assignment, I developed a personal portfolio website to showcase my skills, projects, and blog articles. This website serves as a digital resume, allowing potential employers and clients to explore my work, technical expertise, and professional background. The portfolio is built using HTML, CSS, and JavaScript, incorporating modern web design principles and a responsive layout to enhance user experience.

Objectives of the Project

The primary objectives of this project were:

- To create a professional and visually appealing personal website.
- To demonstrate my front-end development skills through a functional and responsive design.
- To include key sections such as About, Projects, Blog, and Contact.
- To optimize user experience by implementing smooth navigation and clear content structure.
- To integrate social media links and a contact form for enhanced connectivity.

Features of the Portfolio Website

The website consists of the following main sections:

1. Header & Navigation

- Displays my name and profession prominently.
- Provides intuitive navigation with links to About, Projects, Blog, and Contact sections.
- Uses Font Awesome icons for improved aesthetics and accessibility.

2. About Me Section

- Includes a brief introduction about myself, my expertise, and my passion for web development.
- Showcases a professional profile picture.
- Features social media links (GitHub, LinkedIn, Twitter) for visitors to connect with me.
- Highlights my technical skills using a skill tag layout.
- Provides a downloadable resume for prospective employers or clients.

3. Projects Section

- Showcases selected projects with descriptions, technologies used, and images.

- Includes project tags such as React, JavaScript, MongoDB, etc.
- Offers links to project repositories on GitHub and live demo versions where applicable.

4. Blog Section

- Displays blog articles categorized into Tutorials, Tech Trends, and Project Insights.
- Includes featured blog posts with thumbnails, publish dates, and metadata.
- Provides a "Read More" button to navigate to full articles.

5. Newsletter Subscription

- Allows users to subscribe for updates on new blog posts and projects.
- Includes an email input field and a subscribe button.
- Assures users of data privacy with an opt-out option.

6. Contact Section

- Provides essential contact details, including location, email, and phone number.
- Features a contact form for users to send messages directly through the website.
- Displays current availability status for freelance or collaboration inquiries.

7. Footer

- Contains additional navigation links to key sections of the website.
- Provides social media icons for further engagement.
- Displays a copyright notice and credits for website design.

Design & User Experience

The website was designed with a **clean, modern, and user-friendly interface**. The key design principles followed include:

- **Responsive Design:** Ensures seamless viewing across desktops, tablets, and mobile devices.
- **Typography & Colors:** Uses a combination of Poppins and Pacifico fonts for readability and aesthetic appeal.
- **Consistent Layout:** Maintains a structured arrangement of sections, ensuring ease of navigation.
- **Interactive Elements:** Buttons, hover effects, and smooth transitions enhance user engagement.
- **Accessibility Considerations:** Uses appropriate ARIA labels and semantic HTML for improved accessibility.

Technologies Used

- **HTML5:** Structure and content organization.
- **CSS3:** Styling, animations, and responsive design.

- **JavaScript:** Interactive elements and dynamic content handling.
- **Font Awesome:** Icons for better visual representation.
- **Google Fonts:** Custom typography integration.

Challenges & Solutions

During development, I encountered and resolved several challenges:

- **Ensuring Mobile Responsiveness:** Used media queries to optimize layouts for different screen sizes.
- **Navigation Optimization:** Implemented a sticky navigation bar for better accessibility.
- **Contact Form Validation:** Used JavaScript to validate user input before submission.

Conclusion

This portfolio website successfully showcases my front-end development skills while providing an engaging and professional platform for visitors. It effectively highlights my expertise, projects, and technical knowledge in an aesthetically pleasing and functional manner. Moving forward, I plan to enhance the website by incorporating more interactive elements, improving accessibility features, and integrating a CMS for dynamic content updates.

By completing this project, I have gained valuable experience in web design, responsiveness, and UI/UX principles, which will contribute to my growth as a web developer.

CODE

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Mahaashree Anburaj | Web Developer</title>
  <link rel="stylesheet" href="styles.css">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.4.0/css/all.min.css">
  <link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;70
0&family=Pacifico&display=swap" rel="stylesheet">
  <meta name="description" content="Mahaashree Anburaj - Front-end Web
Developer specializing in creating beautiful, responsive websites">
</head>
<body>
  <!-- Header -->
  <header>
    <div class="header-content">
      <h1>Mahaashree Anburaj</h1>
      <p class="tagline">Front-end Developer & UI Designer</p>
    </div>
    <nav>
      <a href="#about"><i class="fas fa-user"></i> About</a>
      <a href="#projects"><i class="fas fa-code"></i> Projects</a>
      <a href="#blog"><i class="fas fa-feather-alt"></i> Blog</a>
      <a href="#contact"><i class="fas fa-envelope"></i> Contact</a>
    </nav>
  </header>

  <!-- About Me Section -->
  <section id="about">
    <div class="section-heading">
      <h2>About Me</h2>
    </div>
    <div class="about-content">
      <div class="profile-container">
        
        <div class="social-links">
          <a href="https://github.com/yourusername" class="social-icon" aria-
label="GitHub"><i class="fab fa-github"></i></a>
          <a href="https://linkedin.com/in/yourusername" class="social-icon"
aria-label="LinkedIn"><i class="fab fa-linkedin-in"></i></a>
        </div>
      </div>
    </div>
  </section>
</body>
</html>
```

```

        <a href="https://twitter.com/yourusername" class="social-icon" aria-label="Twitter"><i class="fab fa-twitter"></i></a>
    </div>
</div>
<div class="about-text">
    <p class="intro">Hello! I'm a passionate front-end developer based in Chennai, India.</p>
    <p>I specialize in creating responsive, user-friendly websites with clean code and creative designs. With 3+ years of experience in web development, I enjoy turning complex problems into simple, beautiful solutions.</p>
    <div class="skills-container">
        <h3>Technical Skills</h3>
        <div class="skills-grid">
            <div class="skill-pill"><i class="fab fa-html5"></i> HTML5</div>
            <div class="skill-pill"><i class="fab fa-css3-alt"></i> CSS3</div>
            <div class="skill-pill"><i class="fab fa-js"></i> JavaScript</div>
            <div class="skill-pill"><i class="fab fa-react"></i> React</div>
            <div class="skill-pill"><i class="fab fa-node-js"></i>
Node.js</div>
            <div class="skill-pill"><i class="fas fa-database"></i>
MongoDB</div>
        </div>
    </div>
    <a href="resume.pdf" class="download-btn" download><i class="fas fa-download"></i> Download Resume</a>
</div>
</section>

<!-- Projects Section -->
<section id="projects">
    <div class="section-heading">
        <h2>Featured Projects</h2>
        <p>A selection of my recent work</p>
    </div>
    <div class="project-list">
        <div class="project-item" id="project-1">
            <div class="project-image">
                
            </div>
            <div class="project-details">
                <h3>E-Commerce Dashboard</h3>
                <div class="project-tags">
                    <span>React</span>
                    <span>Node.js</span>
                    <span>MongoDB</span>
                </div>
            </div>
        </div>
    </div>
</section>

```

```

        <p>A responsive dashboard for online retailers with real-time
analytics, inventory management, and order tracking features.</p>
        <div class="project-links">
            <a href="#" class="view-project-btn"><i class="fas fa-external-
link-alt"></i> Live Demo</a>
            <a href="#" class="github-link"><i class="fab fa-github"></i> View
Code</a>
        </div>
    </div>
</div>

<div class="project-item" id="project-2">
    <div class="project-image">
        
    </div>
    <div class="project-details">
        <h3>Health & Fitness Tracker</h3>
        <div class="project-tags">
            <span>JavaScript</span>
            <span>Chart.js</span>
            <span>Firebase</span>
        </div>
        <p>A mobile-responsive fitness application that helps users track
workouts, nutritional intake, and progress visualization.</p>
        <div class="project-links">
            <a href="#" class="view-project-btn"><i class="fas fa-external-
link-alt"></i> Live Demo</a>
            <a href="#" class="github-link"><i class="fab fa-github"></i> View
Code</a>
        </div>
    </div>
</div>

<div class="project-item" id="project-3">
    <div class="project-image">
        
    </div>
    <div class="project-details">
        <h3>Creative Agency Website</h3>
        <div class="project-tags">
            <span>HTML/CSS</span>
            <span>JavaScript</span>
            <span>GSAP</span>
        </div>
        <p>A modern, animated website for a creative agency featuring
interactive elements, portfolio showcases, and contact forms.</p>
        <div class="project-links">

```

```

        <a href="#" class="view-project-btn"><i class="fas fa-external-
link-alt"></i> Live Demo</a>
        <a href="#" class="github-link"><i class="fab fa-github"></i> View
Code</a>
    </div>
</div>
</div>
</div>
<div class="view-all-container">
    <a href="projects.html" class="view-all-btn">View All Projects <i
class="fas fa-arrow-right"></i></a>
</div>
</section>

<!-- Blog Section -->
<section id="blog">
    <div class="section-heading">
        <h2>My Blog</h2>
        <p>Thoughts, tutorials, and insights about web development</p>
    </div>

    <div class="blog-categories">
        <button class="blog-category active" data-category="all">All</button>
        <button class="blog-category" data-
category="tutorials">Tutorials</button>
        <button class="blog-category" data-category="tech">Tech Trends</button>
        <button class="blog-category" data-category="projects">Project
Insights</button>
    </div>

    <div class="blog-articles">
        <article class="blog-post" data-category="tutorials">
            <div class="blog-image">
                
                <div class="blog-date">
                    <span class="day">14</span>
                    <span class="month">Feb</span>
                </div>
            </div>
            <div class="blog-content">
                <div class="blog-tags">
                    <span>Tutorial</span>
                    <span>CSS</span>
                </div>
                <h3>Mastering CSS Grid: A Complete Guide</h3>
                <p>Learn how to create complex layouts easily with CSS Grid. This
comprehensive guide covers everything from basic concepts to advanced
techniques.</p>

```



```
    <div class="blog-meta">
      <span><i class="far fa-clock"></i> 8 min read</span>
      <span><i class="far fa-comment"></i> 12 comments</span>
    </div>
    <a href="blog/mastering-css-grid.html" class="read-more">Read More
<i class="fas fa-arrow-right"></i></a>
  </div>
</article>
```

```
  <article class="blog-post" data-category="tech">
    <div class="blog-image">
      
      <div class="blog-date">
        <span class="day">28</span>
        <span class="month">Jan</span>
      </div>
    </div>
    <div class="blog-content">
      <div class="blog-tags">
        <span>Tech Trends</span>
        <span>AI</span>
      </div>
      <h3>How AI is Transforming Front-End Development</h3>
      <p>Explore how artificial intelligence tools are changing the
landscape of front-end development, from code generation to design
assistance.</p>
      <div class="blog-meta">
        <span><i class="far fa-clock"></i> 12 min read</span>
        <span><i class="far fa-comment"></i> 24 comments</span>
      </div>
      <a href="blog/ai-frontend-development.html" class="read-more">Read
More <i class="fas fa-arrow-right"></i></a>
    </div>
  </article>
```

```
  <article class="blog-post" data-category="projects">
    <div class="blog-image">
      
      <div class="blog-date">
        <span class="day">05</span>
        <span class="month">Jan</span>
      </div>
    </div>
    <div class="blog-content">
      <div class="blog-tags">
        <span>Project Insights</span>
```

```

        <span>Case Study</span>
    </div>
    <h3>Building an E-Commerce Dashboard: Behind the Scenes</h3>
    <p>A detailed case study of my e-commerce dashboard project. Learn
about the challenges, solutions, and lessons learned throughout the
development process.</p>
    <div class="blog-meta">
        <span><i class="far fa-clock"></i> 15 min read</span>
        <span><i class="far fa-comment"></i> 8 comments</span>
    </div>
    <a href="blog/ecommerce-dashboard-case-study.html" class="read-
more">Read More <i class="fas fa-arrow-right"></i></a>
    </div>
</article>
</div>

<div class="view-all-container">
    <a href="blog.html" class="view-all-btn">View All Articles <i class="fas
fa-arrow-right"></i></a>
</div>
</section>

<!-- Newsletter Section -->
<section id="newsletter">
    <div class="newsletter-container">
        <div class="newsletter-content">
            <h2>Stay Updated</h2>
            <p>Subscribe to my newsletter for the latest articles, tutorials, and
project updates.</p>
            <form class="newsletter-form">
                <input type="email" placeholder="Your email address" required>
                <button type="submit">Subscribe <i class="fas fa-paper-
plane"></i></button>
            </form>
            <p class="newsletter-privacy">I respect your privacy. Unsubscribe at
any time.</p>
        </div>
    </div>
</section>

<!-- Contact Form Section -->
<section id="contact">
    <div class="section-heading">
        <h2>Get in Touch</h2>
        <p>Have a project in mind? Let's work together!</p>
    </div>

    <div class="contact-container">

```

```
<div class="contact-info">
  <div class="contact-card">
    <div class="contact-icon">
      <i class="fas fa-map-marker-alt"></i>
    </div>
    <div class="contact-details">
      <h3>Location</h3>
      <p>Chennai, Tamil Nadu, India</p>
    </div>
  </div>

  <div class="contact-card">
    <div class="contact-icon">
      <i class="fas fa-envelope"></i>
    </div>
    <div class="contact-details">
      <h3>Email</h3>
      <p>hello@mahaashree.com</p>
    </div>
  </div>

  <div class="contact-card">
    <div class="contact-icon">
      <i class="fas fa-phone-alt"></i>
    </div>
    <div class="contact-details">
      <h3>Phone</h3>
      <p>+91 98765 43210</p>
    </div>
  </div>

  <div class="availability">
    <h3>Current Availability</h3>
    <div class="availability-status available">
      <span class="status-dot"></span>
      <p>Available for Freelance Projects</p>
    </div>
  </div>
</div>

<form id="contact-form" class="contact-form">
  <div class="form-group">
    <label for="name">Your Name</label>
    <input type="text" id="name" placeholder="Enter your name" required>
  </div>

  <div class="form-group">
    <label for="email">Email Address</label>
```

```

        <input type="email" id="email" placeholder="Enter your email"
required>
    </div>

    <div class="form-group">
        <label for="subject">Subject</label>
        <input type="text" id="subject" placeholder="What is this
regarding?">
    </div>

    <div class="form-group">
        <label for="message">Message</label>
        <textarea id="message" placeholder="Tell me about your project"
required></textarea>
    </div>

    <button type="submit" class="submit-btn">Send Message <i class="fas
fa-paper-plane"></i></button>
</form>
</div>
</section>

<!-- Footer -->
<footer>
    <div class="footer-content">
        <div class="footer-logo">
            <h3>Mahaashree Anburaj</h3>
            <p>Front-end Developer & UI Designer</p>
        </div>

        <div class="footer-links">
            <div class="footer-section">
                <h4>Navigation</h4>
                <ul>
                    <li><a href="#about">About</a></li>
                    <li><a href="#projects">Projects</a></li>
                    <li><a href="#blog">Blog</a></li>
                    <li><a href="#contact">Contact</a></li>
                </ul>
            </div>

            <div class="footer-section">
                <h4>Resources</h4>
                <ul>
                    <li><a href="resume.pdf">Resume</a></li>
                    <li><a href="blog.html">Blog</a></li>
                    <li><a href="privacy.html">Privacy Policy</a></li>
                </ul>
            </div>
        </div>
    </div>

```

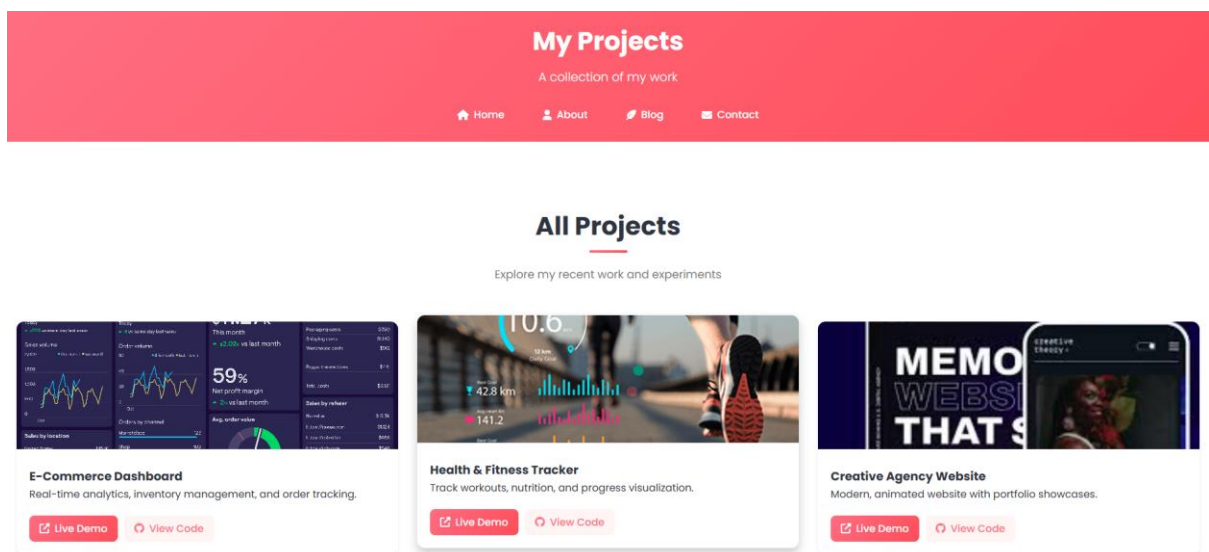
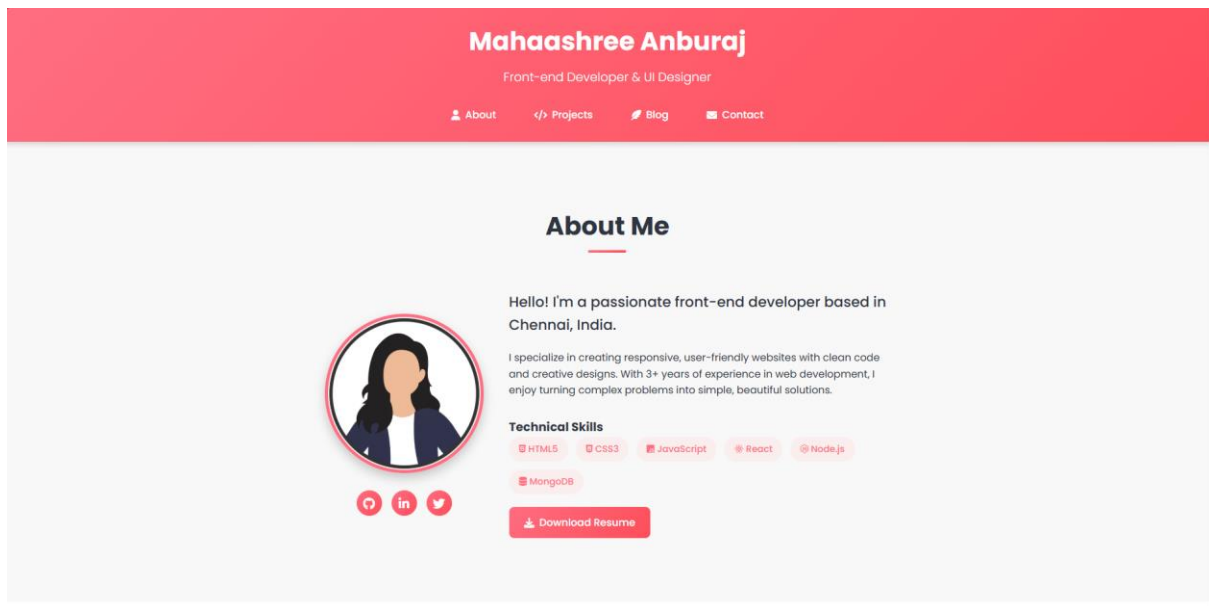
```
        </div>
    </div>

    <div class="footer-social">
        <h4>Connect With Me</h4>
        <div class="social-icons">
            <a href="https://github.com/yourusername" class="social-icon" aria-label="GitHub"><i class="fab fa-github"></i></a>
            <a href="https://linkedin.com/in/yourusername" class="social-icon" aria-label="LinkedIn"><i class="fab fa-linkedin-in"></i></a>
            <a href="https://twitter.com/yourusername" class="social-icon" aria-label="Twitter"><i class="fab fa-twitter"></i></a>
            <a href="https://instagram.com/yourusername" class="social-icon" aria-label="Instagram"><i class="fab fa-instagram"></i></a>
        </div>
    </div>
</div>

<div class="footer-bottom">
    <p>&copy; 2025 Mahaashree Anburaj | All Rights Reserved</p>
    <p class="footer-credits">Designed & Developed with <i class="fas fa-heart"></i></p>
</div>
</footer>

<script src="script.js"></script>
</body>
</html>
```

SCREENSHOTS:



My Blog

Thoughts, tutorials, and insights

[Home](#) [About](#) [Projects](#) [Contact](#)

All Blog Posts

Read about web development, design, and more



CSS Grid

Mastering CSS Grid: A Complete Guide

Learn how to create complex layouts easily with CSS Grid.

[Read More](#) →



AI + Web Development

How AI is Transforming Front-End Development

Explore how artificial intelligence tools are changing the landscape of front-end development.

[Read More](#) →

Get in Touch

Have a project in mind? Let's work together!



Location

Chennai, Tamil Nadu, India



Email

hello@mahaashree.com



Phone

+91 98765 43210

Current Availability

● Available for Freelance Projects

Your Name

Email Address

Subject

Message

Send Message