

# PROJECT - 3

Responsive Portfolio Website

Project done by:-  
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## ❖ **Objective**

The objective of this project was to design and develop a responsive personal portfolio website to showcase my skills, projects, and contact information in a professional manner.

## **Technologies Used**

HTML

CSS

JavaScript



## **Key Features**

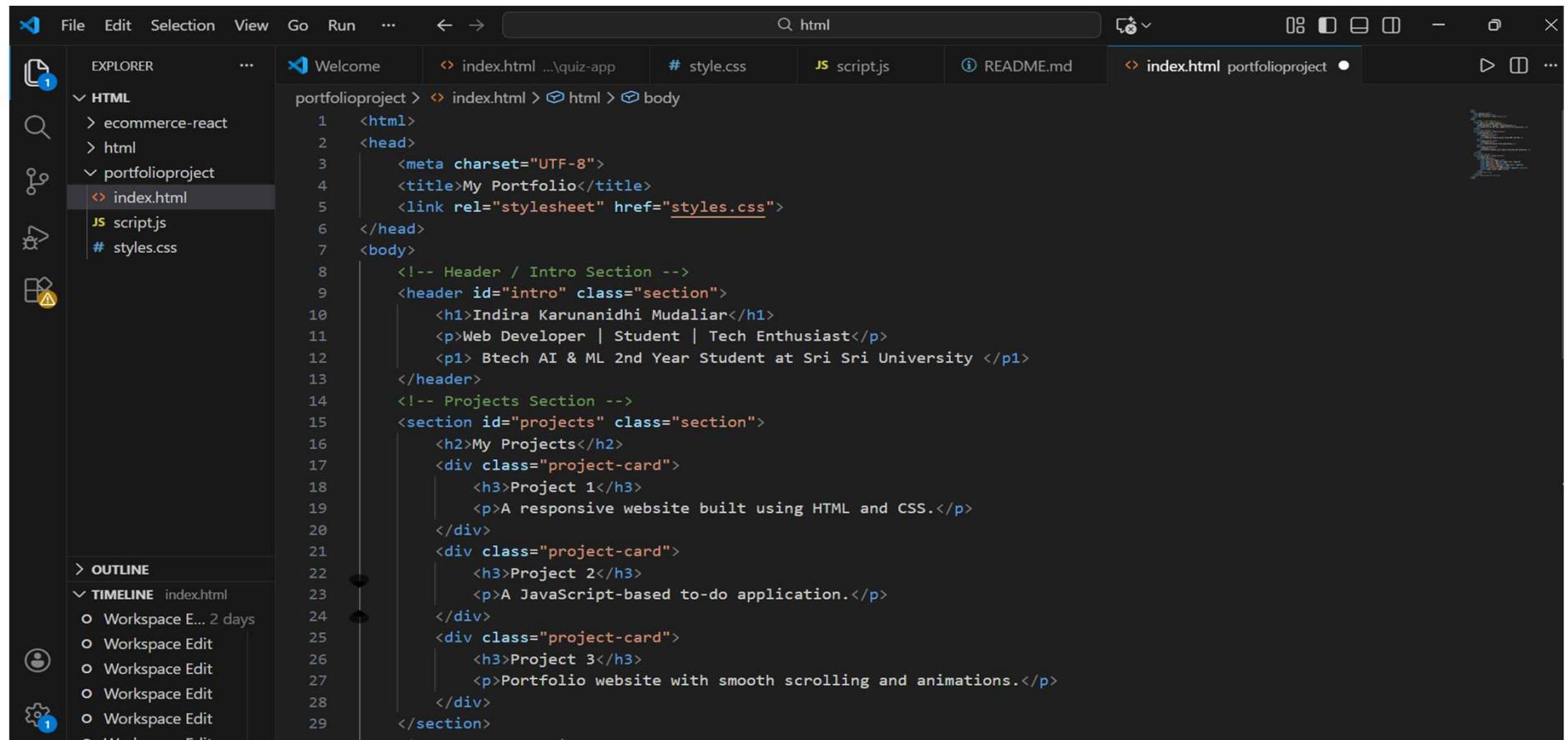
Fully responsive design

Sections for About, Skills, Projects, and Contact

Smooth navigation and clean layout

Mobile-friendly user interface

# Contents inside of index.html



The screenshot shows a code editor interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, ...
- Search Bar:** Q html
- Toolbars:** Standard toolbar icons.
- Explorer:** Shows a tree view of files and projects:
  - HTML folder
  - ecommerce-react
  - html
  - portfolioproject
    - index.html (selected)
    - script.js
    - styles.css
- Timeline:** Shows workspace edits over the last 2 days.
- Code Editor:** The content of index.html is displayed, showing the HTML structure for a portfolio website.

```
<html>
  <head>
    <meta charset="UTF-8">
    <title>My Portfolio</title>
    <link rel="stylesheet" href="styles.css">
  </head>
  <body>
    <!-- Header / Intro Section -->
    <header id="intro" class="section">
      <h1>Indira Karunanidhi Mudaliar</h1>
      <p>Web Developer | Student | Tech Enthusiast</p>
      <p>Btech AI & ML 2nd Year Student at Sri Sri University</p>
    </header>
    <!-- Projects Section -->
    <section id="projects" class="section">
      <h2>My Projects</h2>
      <div class="project-card">
        <h3>Project 1</h3>
        <p>A responsive website built using HTML and CSS.</p>
      </div>
      <div class="project-card">
        <h3>Project 2</h3>
        <p>A JavaScript-based to-do application.</p>
      </div>
      <div class="project-card">
        <h3>Project 3</h3>
        <p>Portfolio website with smooth scrolling and animations.</p>
      </div>
    </section>
```

```
28 |     </div>
29 | 
```

```
</section>
30 | <!-- Contact Section -->
31 | <section id="contact" class="section">
32 |     <h2>Contact Me</h2>
33 |     <form id="contactForm">
34 |         <label for="name">Name:</label>
35 |         <input type="text" id="name" name="name" required>
36 |         <label for="email">Email:</label>
37 |         <input type="email" id="email" name="email" required>
38 |         <label for="message">Message:</label>
39 |         <textarea id="message" name="message" required></textarea>
40 |         <button type="submit">Send</button>
41 |     </form>
42 |     <p id="error"></p>
43 | 
```

```
</section>
44 |     <script src="script.js"></script>
45 | 
```

```
</body>
46 | 
```

```
</html>
```

```
portfolioproject > JS script.js > ⏎ window.addEventListener("scroll") callback
1  document.getElementById("contactForm").addEventListener("submit", function(e) {
2    e.preventDefault();
3
4    let name = document.getElementById("name").value.trim();
5    let email = document.getElementById("email").value.trim();
6    let message = document.getElementById("message").value.trim();
7    let error = document.getElementById("error");
8
9    if (name === "" || email === "" || message === "") {
10      error.textContent = "Please fill in all fields.";
11    } else {
12      error.textContent = "Form submitted successfully!";
13      error.style.color = "green";
14    }
15  });
16
17 // Highlight section on scroll
18 const sections = document.querySelectorAll(".section");
19
20 window.addEventListener("scroll", () => {
21   sections.forEach(section => {
22     const rect = section.getBoundingClientRect();
23     if (rect.top >= 0 && rect.top <= 200) {
24       section.classList.add("active");
25     } else {
26       section.classList.remove("active");
27     }
28   });
29});
```

# Contents inside of script.js

# Contents inside of style.css

```
portfolio-project > # styles.css > .active
1  body {
2      margin: 0;
3      font-family: Arial, sans-serif;
4      line-height: 1.6;
5      background-color: #f4f4f4;
6  }
7  .section {
8      padding: 50px;
9      text-align: center;
10 }
11 header {
12     background-color: #2c3e50;
13     color: white;
14 }
15 #projects {
16     background-color: #ffffff;
17 }
18 .project-card {
19     background: #ecf0f1;
20     margin: 15px auto;
21     padding: 20px;
22     width: 60%;
23     border-radius: 8px;
24     box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
25 }
26 #contact {
27     background-color: #dfe6e9;
28 }
29 * Form styling */
```

```
29  * Form styling */
30  form {
31      max-width: 400px;
32      margin: auto;
33  }
34  input,
35  textarea {
36      width: 100%;
37      padding: 10px;
38      margin: 8px 0;
39      border-radius: 5px;
40      border: 1px solid #ccc;
41  }
42  button {
43      background-color: #2c3e50;
44      color: white;
45      border: none;
46      padding: 10px;
47      width: 100%;
48      border-radius: 5px;
49      cursor: pointer;
50  }
51  button:hover {
52      background-color: #34495e;
53  }
54  .active {
55      border: 3px solid #555;
56  }
57  #error {
```

```
#error {
    color: red;
    margin-top: 10px;
}
```

# WEBPAGE

Indira Karunanidhi Mudaliar

Web Developer | Student | Tech Enthusiast

Btech AI & ML 2nd Year Student at Sri Sri University

## My Projects

### Project 1

A responsive website built using HTML and CSS.

### Project 2

A JavaScript-based to-do application.

### Project 3

Portfolio website with smooth scrolling and animations.

## Contact Me

Name:

Email:

Message:

Send

## ❖ **Implementation Details**

The portfolio was built using semantic HTML for structured content and CSS for layout and responsiveness. Media queries were used to ensure the website adapts to different screen sizes such as mobile, tablet, and desktop. JavaScript was used for interactive elements like navigation effects and form validation. The design focuses on simplicity and accessibility.

## ❖ **Challenges & Solutions**

Ensuring consistency across devices was a challenge, which was solved using flexible layouts and CSS media queries.

## ❖ **Outcome**

This project enhanced my knowledge of responsive web design, UI/UX principles, and frontend development best practices.