
PROJECT REPORT

Multi-Page Student Portfolio Website

Subject: Web Development

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1 Problem Statement

Objective

The objective of this project is to design and develop a multi-page "**Personal Student Portfolio Website**" using HTML and Basic CSS.

The website demonstrates the following technical competencies:

- Semantic HTML structure
- CSS styling for visual appeal
- Layout techniques using **Float** and **Flexbox**
- Implementation of HTML forms
- Consistent navigation structure across all pages

2 Source Code

Below is the complete source code for the five required files necessary to build the portfolio.

2.1 File 1: index.html (Home Page)

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <title>Home - Student Portfolio</title>
6     <link rel="stylesheet" href="style.css">
7 </head>
8 <body>
9
10    <header>
11        <div class="logo">MyPortfolio</div>
12        <nav>
13            <ul>
14                <li><a href="index.html">Home</a></li>
15                <li><a href="about.html">About</a></li>
16                <li><a href="skills.html">Skills</a></li>
17                <li><a href="contact.html">Contact</a></li>
18            </ul>
19        </nav>
20    </header>
21
22    <div class="container">
23        <h1>Welcome to My Student Portfolio</h1>
24        <p>This is a multi-page portfolio website designed using HTML and Basic CSS.</p>
25        <p>Please navigate through the menu to learn more about me, my skills, and how to contact me.</p>
26    </div>
27
28 </body>
29 </html>
```

2.2 File 2: about.html (About Page)

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <title>About Me</title>
6     <link rel="stylesheet" href="style.css">
7 </head>
8 <body>
9
10    <header>
11        <div class="logo">MyPortfolio</div>
12        <nav>
13            <ul>
```

```

14      <li><a href="index.html">Home</a></li>
15      <li><a href="about.html">About</a></li>
16      <li><a href="skills.html">Skills</a></li>
17      <li><a href="contact.html">Contact</a></li>
18    </ul>
19  </nav>
20</header>
21
22<div class="container">
23  <h1>About Me</h1>
24
25  <h3>Who am I?</h3>
26  <p>
27    Hello! I am a passionate computer science student dedicated
28    to learning web development.
29    I enjoy solving complex problems and building user-friendly
30    applications.
31    My journey in coding started recently, and I am eager to
32    expand my knowledge in HTML, CSS, and JavaScript.
33    I am looking for opportunities to apply my skills in real-
34    world projects.
35  </p>
36</div>
37
38</body>
39</html>

```

2.3 File 3: skills.html (Skills Page)

```

1<!DOCTYPE html>
2<html lang="en">
3<head>
4  <meta charset="UTF-8">
5  <title>Skills & Projects</title>
6  <link rel="stylesheet" href="style.css">
7</head>
8<body>
9
10 <header>
11   <div class="logo">MyPortfolio</div>
12   <nav>
13     <ul>
14       <li><a href="index.html">Home</a></li>
15       <li><a href="about.html">About</a></li>
16       <li><a href="skills.html">Skills</a></li>
17       <li><a href="contact.html">Contact</a></li>
18     </ul>
19   </nav>
20 </header>
21
22<div class="container">
23  <h1>My Skills & Projects</h1>
24
25  <div class="skills-container">
26    <div class="card">
27

```

```
28     <h3>HTML5 Mastery</h3>
29         <p>A project demonstrating semantic HTML structure and
30 clean code practices.</p>
31     </div>
32
33     <div class="card">
34         <h3>CSS Styling</h3>
35         <p>An experiment with layouts, colors, and responsive
36 design techniques.</p>
37     </div>
38
39     <div class="card">
40         <h3>Portfolio Website</h3>
41         <p>This specific multi-page website built using Float
42 and Flexbox layouts.</p>
43     </div>
44
45     </div>
46 </div>
47
48 </body>
49 </html>
```

2.4 File 4: contact.html (Contact Page)

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <title>Contact Me</title>
6      <link rel="stylesheet" href="style.css">
7  </head>
8  <body>
9
10     <header>
11         <div class="logo">MyPortfolio</div>
12         <nav>
13             <ul>
14                 <li><a href="index.html">Home</a></li>
15                 <li><a href="about.html">About</a></li>
16                 <li><a href="skills.html">Skills</a></li>
17                 <li><a href="contact.html">Contact</a></li>
18             </ul>
19         </nav>
20     </header>
21
22     <div class="container">
23         <h1>Contact Me</h1>
24         <p>Feel free to reach out using the form below:</p>
25
26         <form action="#" method="POST">
27
28             <label for="name">Name:</label>
29             <input type="text" id="name" name="name" placeholder="Jabesh
30 Simon" required>
```

```
31     <label for="email">Email:</label>
32     <input type="email" id="email" name="email" placeholder="
33         Your Email" required>
34
34     <label for="subject">Subject:</label>
35     <input type="text" id="subject" name="subject" placeholder="
35 Subject" required>
36
37     <label for="message">Message:</label>
38     <textarea id="message" name="message" rows="5" placeholder="
38 Write your message here..." required></textarea>
39
40     <button type="submit">Submit</button>
41
42     </form>
43 </div>
44
45 </body>
46 </html>
```

2.5 File 5: style.css (Stylesheet)

```
1 /* General Reset */
2 body {
3     font-family: Arial, sans-serif;
4     margin: 0;
5     padding: 0;
6     background-color: #f4f4f4;
7 }
8
9 /* --- NAVIGATION BAR (Requirement: Float for layout) --- */
10 header {
11     background-color: #333;
12     color: white;
13     padding: 20px;
14     overflow: hidden; /* Clears floats */
15 }
16
17 .logo {
18     float: left; /* Floating the logo to the left */
19     font-size: 24px;
20     font-weight: bold;
21 }
22
23 nav ul {
24     list-style-type: none;
25     margin: 0;
26     padding: 0;
27     float: right; /* Floating the menu to the right */
28 }
29
30 nav ul li {
31     display: inline;
32     margin-left: 20px;
33 }
34
35 nav ul li a {
36     color: white;
37     text-decoration: none;
38     font-weight: bold;
39 }
40
41 nav ul li a:hover {
42     color: #ff9800;
43 }
44
45 /* --- MAIN CONTAINER --- */
46 .container {
47     width: 80%;
48     margin: 20px auto;
49     background: white;
50     padding: 20px;
51     border-radius: 5px;
52     box-shadow: 0 0 10px rgba(0,0,0,0.1);
53 }
54
55 /* --- SKILLS SECTION (Requirement: Flexbox for layout) --- */
56 .skills-container {
```

```
57     display: flex; /* activates Flexbox */
58     justify-content: space-around; /* Distributes space evenly */
59     flex-wrap: wrap; /* Allows cards to wrap on smaller screens */
60     gap: 20px;
61 }
62
63 .card {
64     background-color: #e3f2fd;
65     border: 2px solid #2196F3; /* Requirement: Border */
66     padding: 20px;
67     width: 250px;
68     border-radius: 8px;
69     text-align: center;
70 }
71
72 /* --- FORMS (Requirement: Contact Page) --- */
73 form input, form textarea {
74     width: 100%;
75     padding: 10px;
76     margin: 10px 0;
77     box-sizing: border-box;
78 }
79
80 button {
81     background-color: #2196F3;
82     color: white;
83     padding: 10px 20px;
84     border: none;
85     cursor: pointer;
86 }
87
88 button:hover {
89     background-color: #0b7dda;
90 }
91
92 /* Image styling for About Page */
93 .profile-img {
94     width: 150px;
95     height: 150px;
96     border-radius: 50%;
97     border: 3px solid #333;
98 }
```

3 Output Screenshots

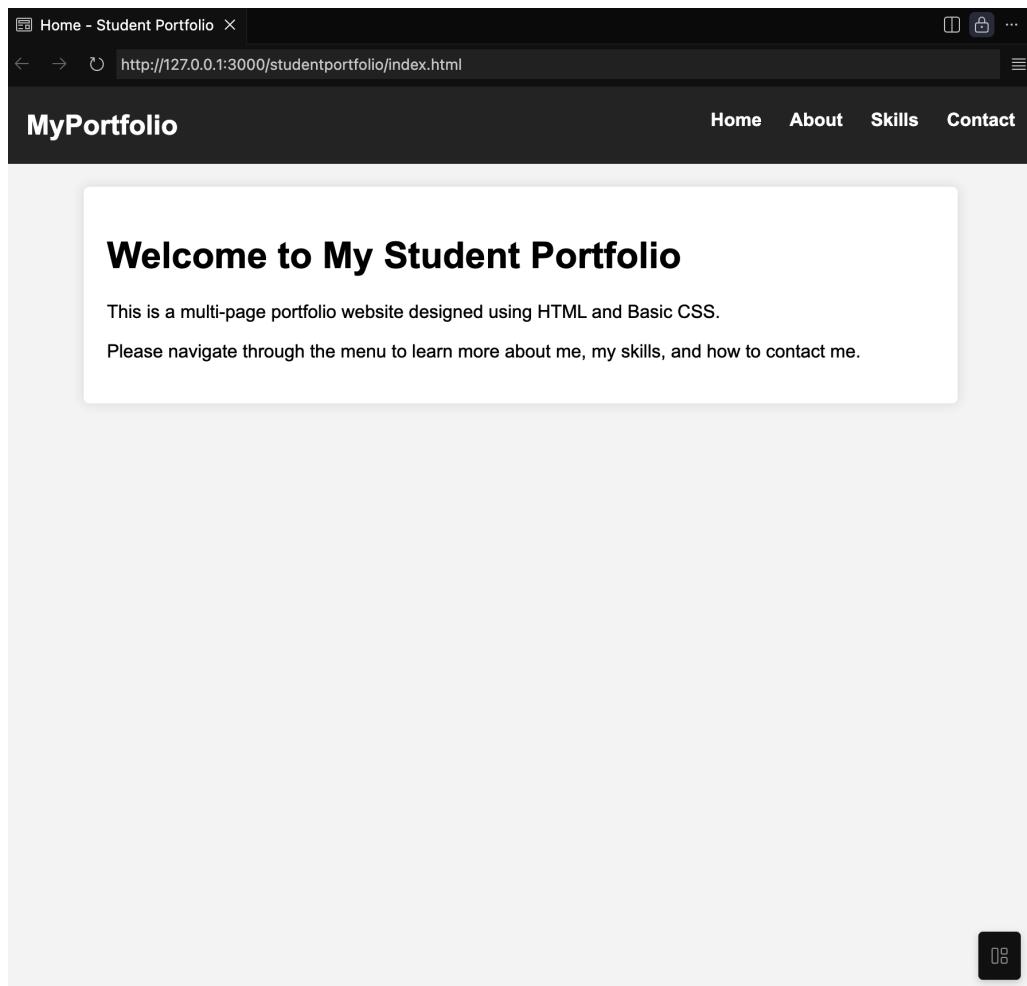


Figure 1: Home Page Output

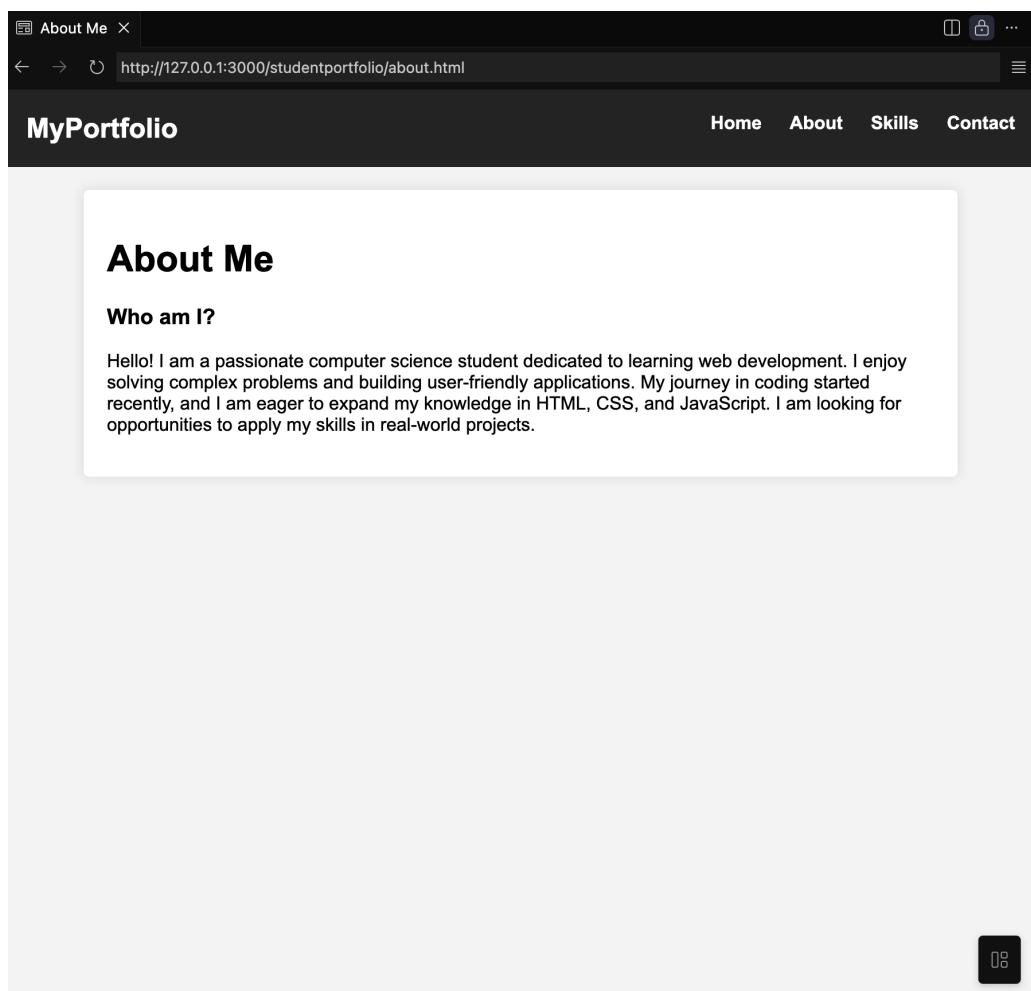


Figure 2: About Page Output

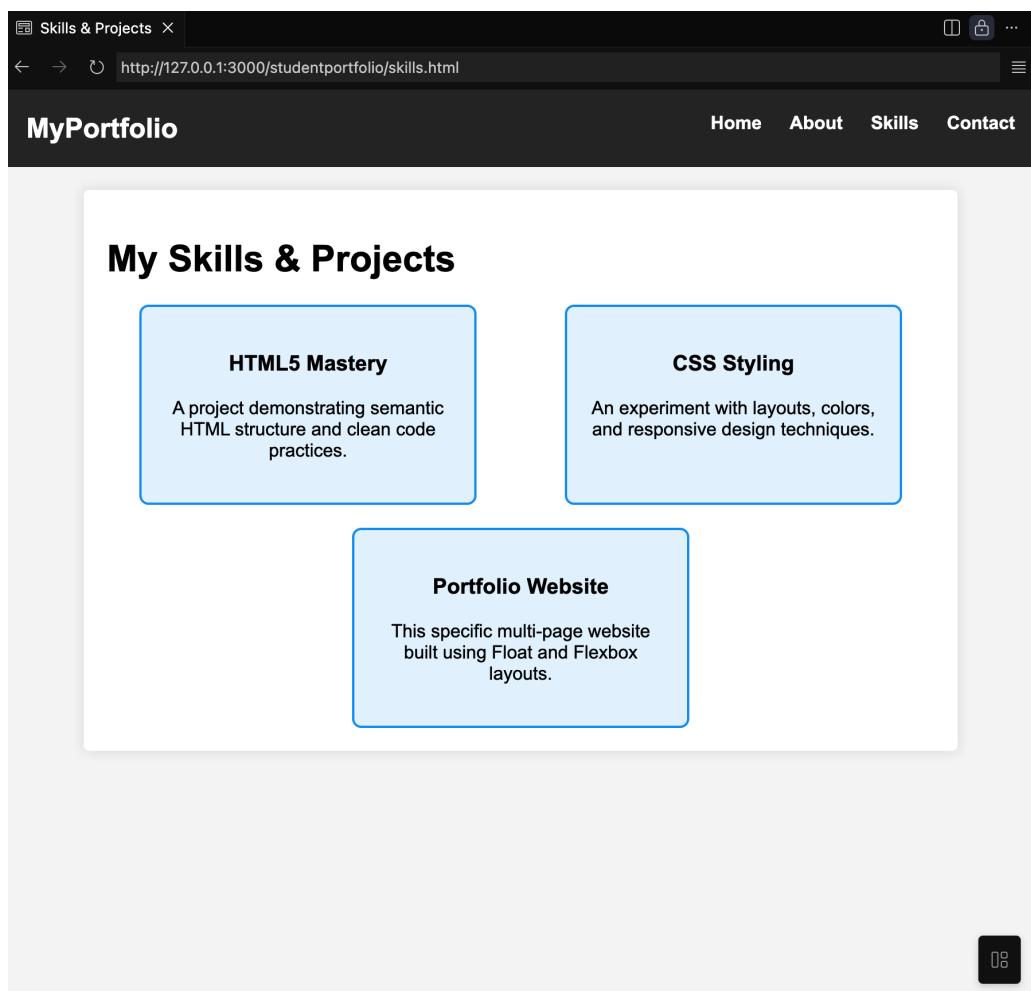


Figure 3: Skills Page Output

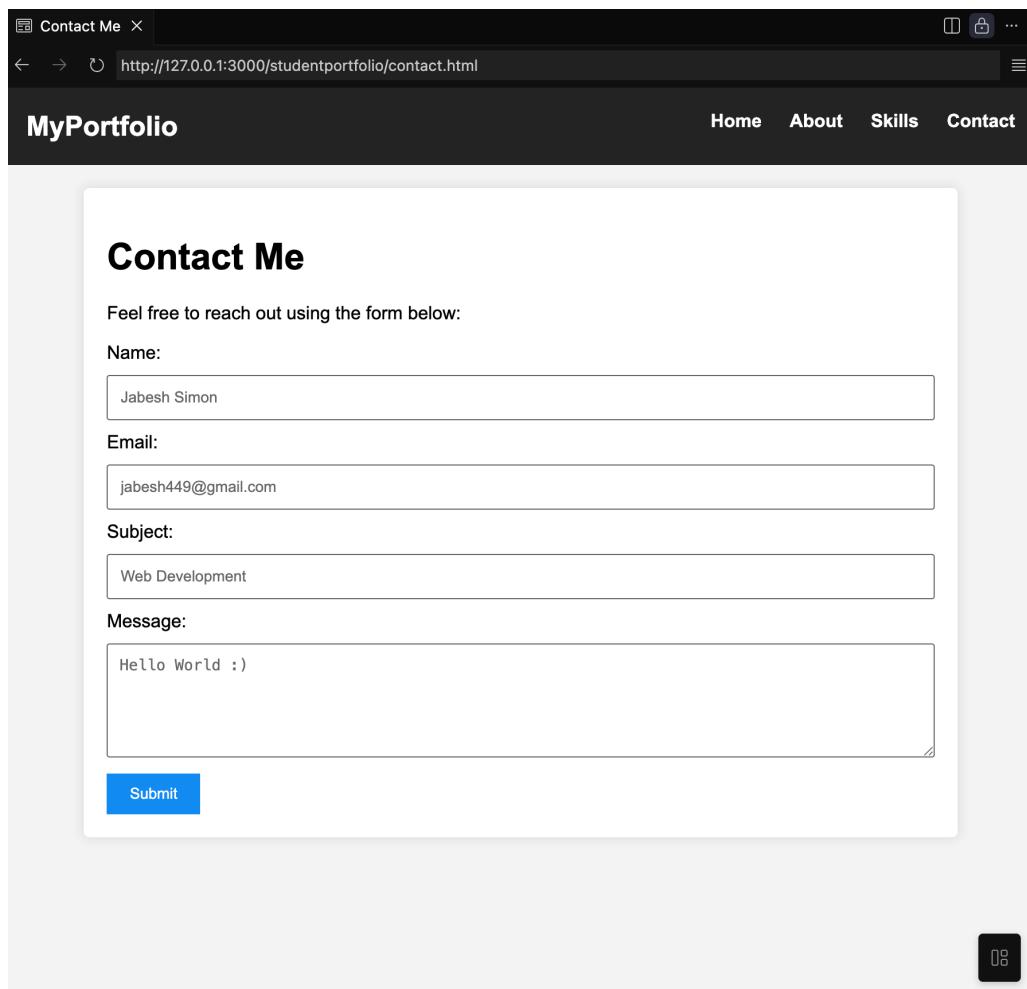


Figure 4: Contact Page Output