
PROJECT REPORT

Multi-Page Student Portfolio Website

Subject: Web Development

Submitted By:

Jabesh Simon

Roll No: 202501100400166

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Contents

1	Problem Statement	2
2	Source Code	3
2.1	File 1: index.html (Home Page)	3
2.2	File 2: about.html (About Page)	3
2.3	File 3: skills.html (Skills Page)	4
2.4	File 4: contact.html (Contact Page)	5
2.5	File 5: style.css (Stylesheet)	7
3	Output Screenshots	9

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
25 and Basic CSS.</p>
26     <p>Please navigate through the menu to learn more about me, my
27 skills, and how to contact me.</p>
28   </div>
29 </body>
30 </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 </body>
38 </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
27             <div class="card">
```

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

```
31         <label for="email">Email:</label>
32         <input type="email" id="email" name="email" placeholder="
Your Email" required>
33
34         <label for="subject">Subject:</label>
35         <input type="text" id="subject" name="subject" placeholder="
Subject" required>
36
37         <label for="message">Message:</label>
38         <textarea id="message" name="message" rows="5" placeholder="
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

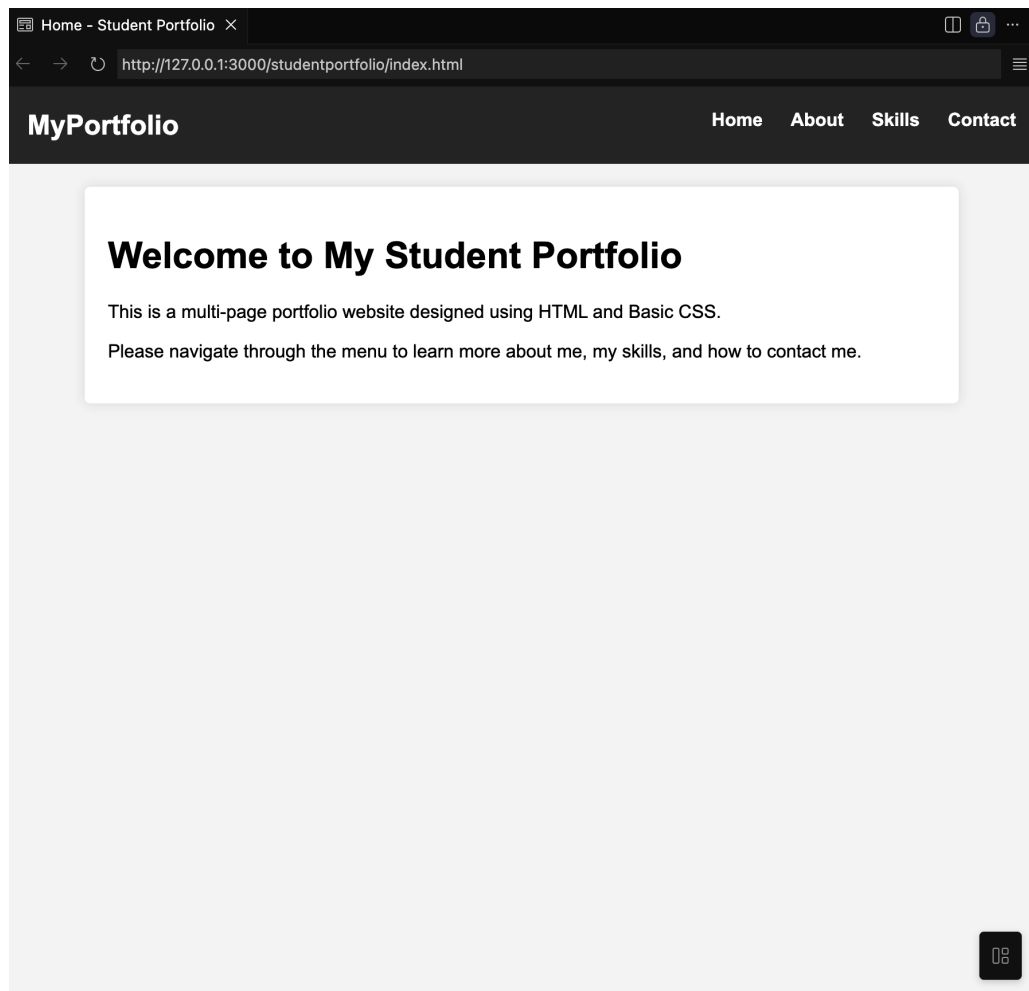


Figure 1: Home Page Output

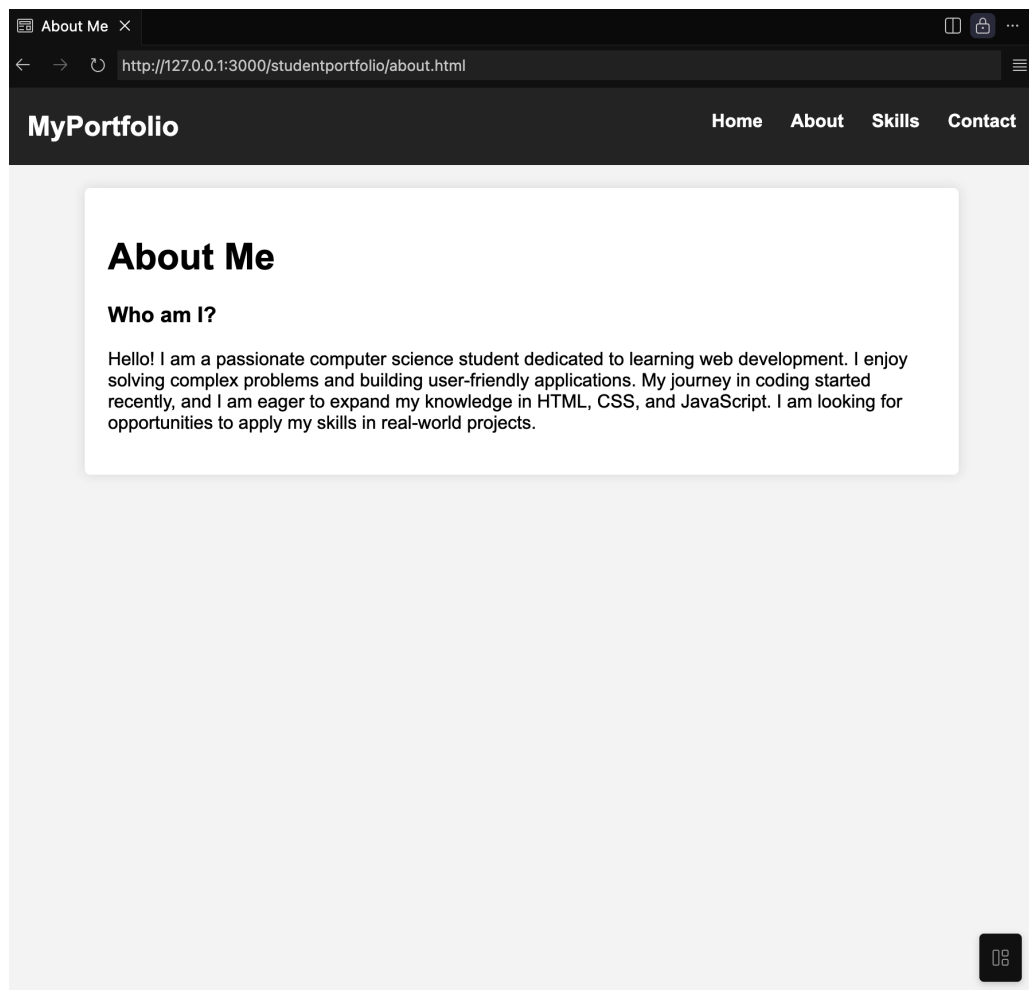


Figure 2: About Page Output

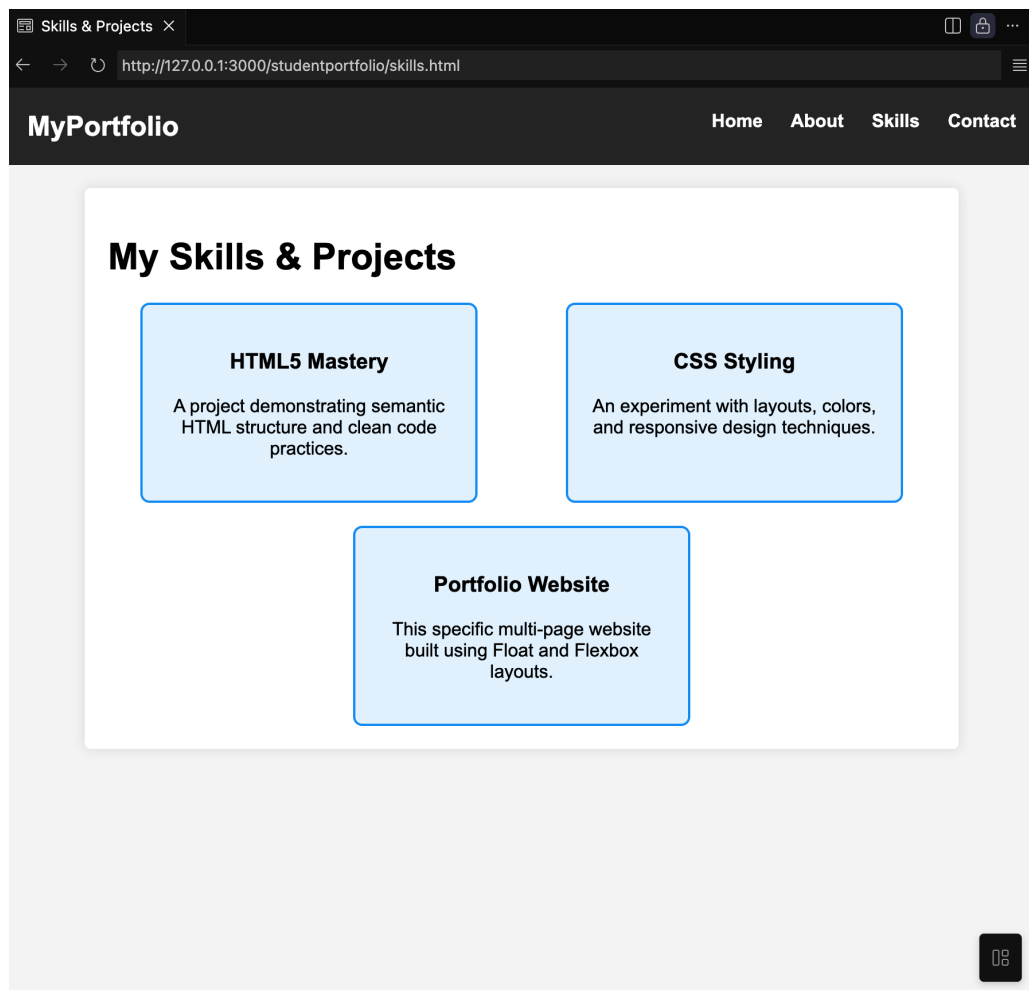
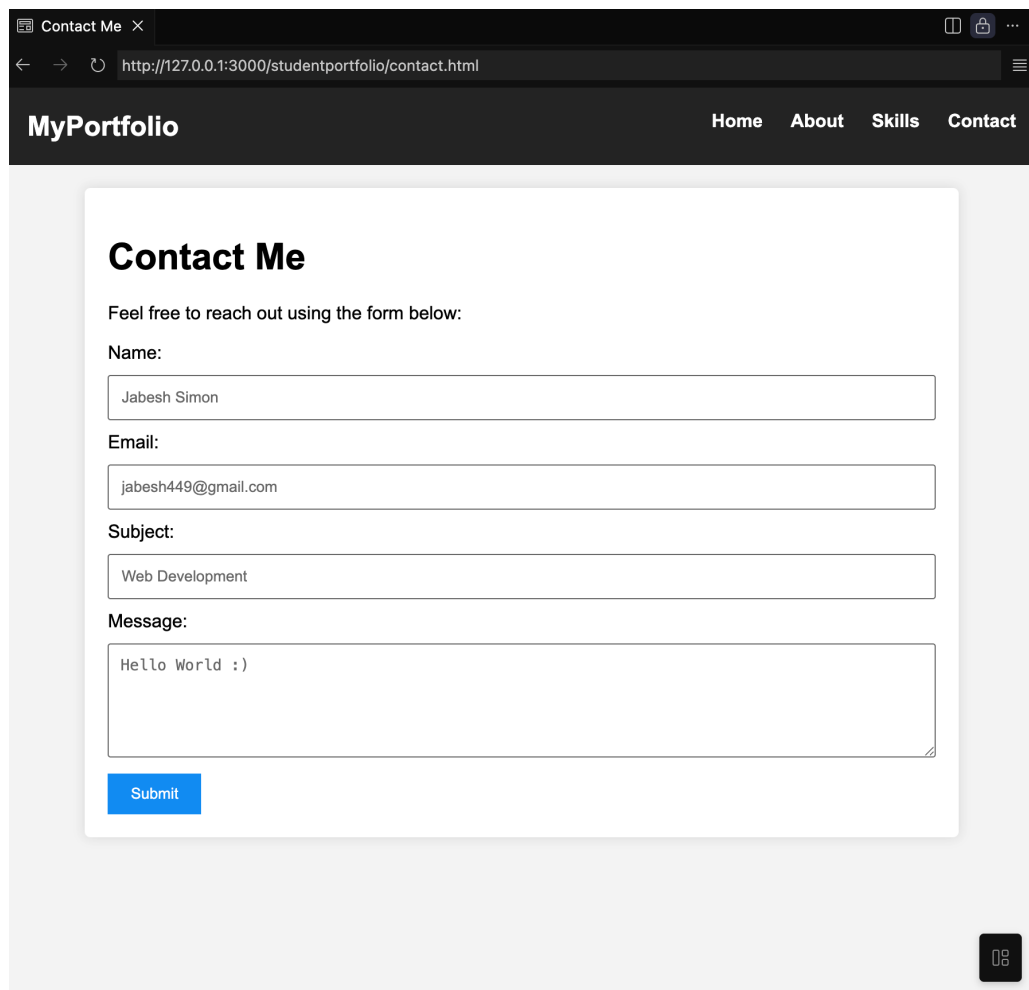


Figure 3: Skills Page Output



The screenshot shows a web browser window with the address bar displaying `http://127.0.0.1:3000/studentportfolio/contact.html`. The page has a dark header with the text "MyPortfolio" on the left and navigation links "Home", "About", "Skills", and "Contact" on the right. The main content area is white and contains a "Contact Me" section. It starts with the heading "Contact Me" and the text "Feel free to reach out using the form below:". Below this are four input fields: "Name:" with the value "Jabesh Simon", "Email:" with the value "jabesh449@gmail.com", "Subject:" with the value "Web Development", and "Message:" with the value "Hello World :)". A blue "Submit" button is at the bottom of the form. A small dark square icon is visible in the bottom right corner of the page.

MyPortfolio

Home About Skills Contact

Contact Me

Feel free to reach out using the form below:

Name:

Email:

Subject:

Message:

Submit

Figure 4: Contact Page Output