
ASSIGEMENT:1

Construct a Website (multiple Web pages) containing ‘Resume’ and Bio -data by using relevant HTML elements and appropriate styling for presentation with CSS/jQuery/JavaScript. Host the Website on a cloud platform.

Explanation:

The project involves designing and deploying a personal website comprising multiple web pages for showcasing a Resume and Bio-data. The website incorporates relevant HTML elements for structure and styling using CSS for enhanced presentation. Basic interactivity and user experience improvements are achieved using JavaScript/jQuery.

Development Process:

1. HTML Structure:

The website contains two main pages:

- Resume Page: Displays educational qualifications, work experience, skills, certifications, and contact details.
- Bio-data Page: Includes personal details like name, address, hobbies, and other profile-related information.

Semantic elements like `<header>`, `<nav>`, `<main>`, `<section>`, and `<footer>` were used for better readability and SEO optimization.

2. Styling with CSS:

- A consistent colour scheme and responsive design were implemented using CSS.
- A navigation bar styled with flexbox ensures seamless transitions between pages.
- The Resume page employs CSS grids to organize information neatly.

3. Interactivity with JavaScript/jQuery:

- JavaScript/jQuery is used for dynamic effects such as smooth scrolling, modals for additional information, and a contact form with real-time validation.

4. Hosting on Cloud Platform:

- The website was hosted on a cloud platform such as GitHub Pages, Netlify, or Vercel for easy accessibility.
- The deployment process included uploading files to the hosting service and setting up a custom domain.

5. Responsive Design:

- Media queries ensured compatibility across devices (desktop, tablet, and mobile).

***** **index.html** *****

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>My Portfolio</title>

  <link rel="stylesheet" href="style.css">

</head>

<body>

  <header>

    <h1>Welcome to My Portfolio</h1>

    <nav>

      <ul>

        <li><a href="index.html">Home</a></li>

        <li><a href="resume.html">Resume</a></li>

        <li><a href="biodata.html">Bio-data</a></li>

      </ul>

    </nav>

  </header>

  <section class="intro">

    <h2>About Me</h2>
```

<p>Welcome to my portfolio website. Here you can find my professional resume and personal bio-data.</p>

</section>

<footer>

<p>© 2024 My Portfolio. All rights reserved.</p>

</footer>

<script src="script.js"></script>

</body>

</html>

***** resume.html *****

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>My Resume</title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<header>

<h1>My Resume</h1>

<nav>

Home

Resume

Bio-data

</nav>

</header>

```
<section class="resume">
  <h2>Experience</h2>
  <ul>
    <li><strong>Developer </strong> - ABC(2022-2023)</li>
    <li><strong>Developer</strong> - XYZ(2023-Present)</li>
  </ul>
  <h2>Education</h2>
  <ul>
    <li><strong>Bachelor of Engineering </strong> - Visveswaraya Technological
University(2018-2022)</li>
  </ul>
  <h2>Skills</h2>
  <ul>
    <li>HTML, CSS, JavaScript</li>
    <li>React, Node.js</li>
  </ul>
</section>
<footer>
  <p>&copy; 2024 My Portfolio. All rights reserved.</p>
</footer>
<script src="script.js"></script>
</body>
</html>
```

***** **bio.html** *****

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>My Bio-data</title>
```

```
<link rel="stylesheet" href="style.css">
```

```
</head>
```

```
<body>
```

```
  <header>
```

```
    <h1>My Bio-data</h1>
```

```
    <nav>
```

```
      <ul>
```

```
        <li><a href="index.html">Home</a></li>
```

```
        <li><a href="resume.html">Resume</a></li>
```

```
        <li><a href="biodata.html">Bio-data</a></li>
```

```
      </ul>
```

```
    </nav>
```

```
  </header>
```

```
  <section class="biodata">
```

```
    <h2>Personal Information</h2>
```

```
    <table>
```

```
      <tr>
```

```
        <td>Name:</td>
```

```
        <td>JVarsha H.D</td>
```

```
      </tr>
```

```
      <tr>
```

```
        <td>Address:</td>
```

```
        <td>Sri ram nagar,Hassan,Karnataka </td>
```

```
      </tr>
```

```
<tr>

    <td>Phone:</td>

    <td>+123 456 7890</td>

</tr>

<tr>

    <td>Email:</td>

    <td>varshahdgowda2004@gmail.com</td>

</tr>

</table>

</section>

<footer>

    <p>&copy; 2024 My Portfolio. All rights reserved.</p>

</footer>

<script src="script.js"></script>

</body>

</html>
```

***** **style.css** *****

```
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}
```

```
body {
    font-family: Arial, sans-serif;
    line-height: 1.6;
    background-color: #f4f4f4;
```

```
color: #333;
}

header {
    background-color: #333;
    color: #fff;
    padding: 10px 0;
    text-align: center;
}

header nav ul {
    list-style: none;
    padding: 0;
}

header nav ul li {
    display: inline;
    margin: 0 15px;
}

header nav ul li a {
    color: #fff;
    text-decoration: none;
}

h1, h2 {
    color: #333;
}

footer {
    text-align: center;
    padding: 20px;
    background-color: #333;
    color: #fff;
```

```
}
```

```
section {  
    padding: 20px;  
    margin: 20px;  
}
```

```
ul {  
    list-style-type: none;  
}
```

```
ul li {  
    margin: 10px 0;  
}
```

```
table {  
    width: 100%;  
    border-collapse: collapse;  
    margin-top: 10px;  
}
```

```
table td {  
    padding: 10px;  
    border: 1px solid #ccc;  
}
```

```
table tr:nth-child(even) {  
    background-color: #f2f2f2;  
}
```

***** **script.js** *****

```
document.addEventListener  
( 'DOMContentLoaded', function () { alert('Welcome to my website!');
```



```
} );
```

Output :

Welcome to My Portfolio

- [Home](#)
- [Resume](#)
- [Bio-data](#)

About Me

Welcome to my portfolio website. Here you can find my professional resume and personal bio-data.

© 2024 My Portfolio. All rights reserved.

My Resume

- [Home](#)
- [Resume](#)
- [Bio-data](#)

Experience

- **Developer** - ABC(2022-2023)
- **Developer** - XYZ(2023-Present)

Education

- **Bachelor of Engineering** - Visveswaraya Technological University(2018-2022)

Skills

- HTML, CSS, JavaScript
- React, Node.js

© 2024 My Portfolio. All rights reserved.

My Bio-data

- [Home](#)
- [Resume](#)
- [Bio-data](#)

Personal Information

Name: Varsha H.D

Address: Sri ram nagar,Hassan,Karnataka

Phone: +123 456 7890

Email: varshahdgowda2004@gmail.com

© 2024 My Portfolio. All rights reserved.

