

Beginner project 1:

Personal portfolio website:

Objective: Create a simple personal website that includes sections like “About me”, “projects”, “contact”.

Skills: Basic HTML/CSS/JS, using Git to track changes, and pushing GitHub

GitHub concepts: git init, git add, git commit, git push, git clone, and setting up GitHub pages.

STEP 1:

Index.html code:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <meta name="description" content="A simple personal portfolio website for showcasing my skills and projects.">

  <title>My Portfolio</title>

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

  <style>

    /* Basic Reset */

    * {

      margin: 0;

      padding: 0;

      box-sizing: border-box;

    }

    body {

      font-family: 'Roboto', sans-serif;

      line-height: 1.6;

      color: #444;

      background: #f9f9f9;

      margin: 0;

    }

  </style>

</head>

<body>

  <div>

    <h1>My Portfolio</h1>

    <h2>About Me</h2>

    <h2>Projects</h2>

    <h2>Contact</h2>

  </div>

</body>

</html>
```

```
header {  
    background: linear-gradient(90deg, #ff7e5f, #feb47b);  
    color: white;  
    padding: 1.5em 0;  
    text-align: center;  
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);  
}
```

```
header h1 {  
    font-size: 2.8em;  
    margin-bottom: 0.3em;  
    font-weight: bold;  
}
```

```
header nav {  
    margin-top: 1em;  
}
```

```
header nav a {  
    color: white;  
    text-decoration: none;  
    margin: 0 15px;  
    font-weight: bold;  
    font-size: 1.1em;  
}
```

```
header nav a:hover {  
    text-decoration: underline;  
}
```

```
section {  
    padding: 2em;  
    margin: 2em auto;  
    max-width: 900px;
```

```
background: white;
border-radius: 10px;
box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
}
```

```
#about, #projects, #contact {
  margin-bottom: 2em;
}
```

```
h2 {
  margin-bottom: 0.8em;
  color: #ff7e5f;
  font-size: 2em;
}
```

```
p {
  margin-bottom: 1.5em;
  font-size: 1.2em;
  color: #555;
}
```

```
ul {
  list-style-type: disc;
  margin-left: 20px;
}
```

```
ul li {
  margin-bottom: 1em;
  font-size: 1.1em;
}
```

```
footer {
  text-align: center;
  background: #333;
```

```
color: white;
padding: 1.5em 0;
margin-top: 2em;
}
```

```
footer a {
color: #feb47b;
text-decoration: none;
font-weight: bold;
}
```

```
footer a:hover {
text-decoration: underline;
}
```

```
.back-to-top {
position: fixed;
bottom: 20px;
right: 20px;
background: linear-gradient(90deg, #ff7e5f, #feb47b);
color: white;
border: none;
padding: 10px 15px;
border-radius: 5px;
cursor: pointer;
display: none;
box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
}
```

```
.back-to-top:hover {
background: #ff7e5f;
}
```

```
a {
```

```
        color: #ff7e5f;
        text-decoration: none;
    }

    a:hover {
        text-decoration: underline;
    }
</style>
</head>
<body>
    <header>
        <h1>Welcome to My Portfolio</h1>
        <nav>
            <a href="#about">About Me</a>
            <a href="#projects">Projects</a>
            <a href="#contact">Contact</a>
        </nav>
    </header>

    <section id="about">
        <h2>About Me</h2>
        <p>Hello! I am a passionate and dedicated individual with a background in technology and a drive to learn and grow. I enjoy solving problems, building projects, and working on innovative ideas.</p>
        <p>Feel free to explore my portfolio to learn more about me and my work.</p>
    </section>

    <section id="projects">
        <h2>Projects</h2>
        <p>Here are some of the projects I have worked on:</p>
        <ul>
            <li><strong>Project 1:</strong> A digital ticketing system using blockchain for secure identity management.</li>
            <li><strong>Project 2:</strong> Customer service dashboard to improve user experience and productivity.</li>
        </ul>
    </section>
</body>
</html>
```


</section>

<section id="contact">

<h2>Contact</h2>

<p>If you'd like to get in touch, you can reach me at:</p>

Email: meghanavalluri2@gmail.com

LinkedIn: linkedin.com/in/meghanavalluri

GitHub: github.com/meghanavalluri

</section>

<button class="back-to-top" onclick="scrollToTop()">Back to Top</button>

<footer>

<p>© 2025 Your Name. Built with HTML, CSS & JavaScript.</p>

</footer>

<script>

// Show the "Back to Top" button when scrolling down

```
window.addEventListener('scroll', function() {  
  const button = document.querySelector('.back-to-top');  
  if (window.scrollY > 200) {  
    button.style.display = 'block';  
  } else {  
    button.style.display = 'none';  
  }  
});
```

// Scroll to the top of the page when the button is clicked

```
function scrollToTop() {
```

```
        window.scrollTo({ top: 0, behavior: 'smooth' });
    }
</script>
</body>
</html>
```

STEP 2:

Styles.css code:

```
body {
    font-family: Arial, sans-serif;
    line-height: 1.6;
    margin: 0;
    padding: 0;
}
header {
    background-color: #333;
    color: white;
    padding: 1em;
    text-align: center;
}
nav a {
    color: #fff;
    text-decoration: none;
    margin: 0 10px;
}
section {
    margin: 20px;
    padding: 20px;
}
```

STEP 3: Initialize a Git repository in the folder using

```
git init
```

STEP 4: track changes

git add .

git commit -m "commit changes"

STEP 5: Create repository on github And link it to your project

git remote add origin https://github.com/meghanavalluri02/bp1

git push -u origin main

```
Administrator@3148c6658f7456b MINGW64 ~ (main)
$ git init
Reinitialized existing Git repository in C:/Users/Administrator/.git/

Administrator@3148c6658f7456b MINGW64 ~ (main)
$ cd C:/Users/Administrator/Desktop/bp1

Administrator@3148c6658f7456b MINGW64 ~/Desktop/bp1 (master)
$ git init
Reinitialized existing Git repository in C:/Users/Administrator/Desktop/bp1/.git/

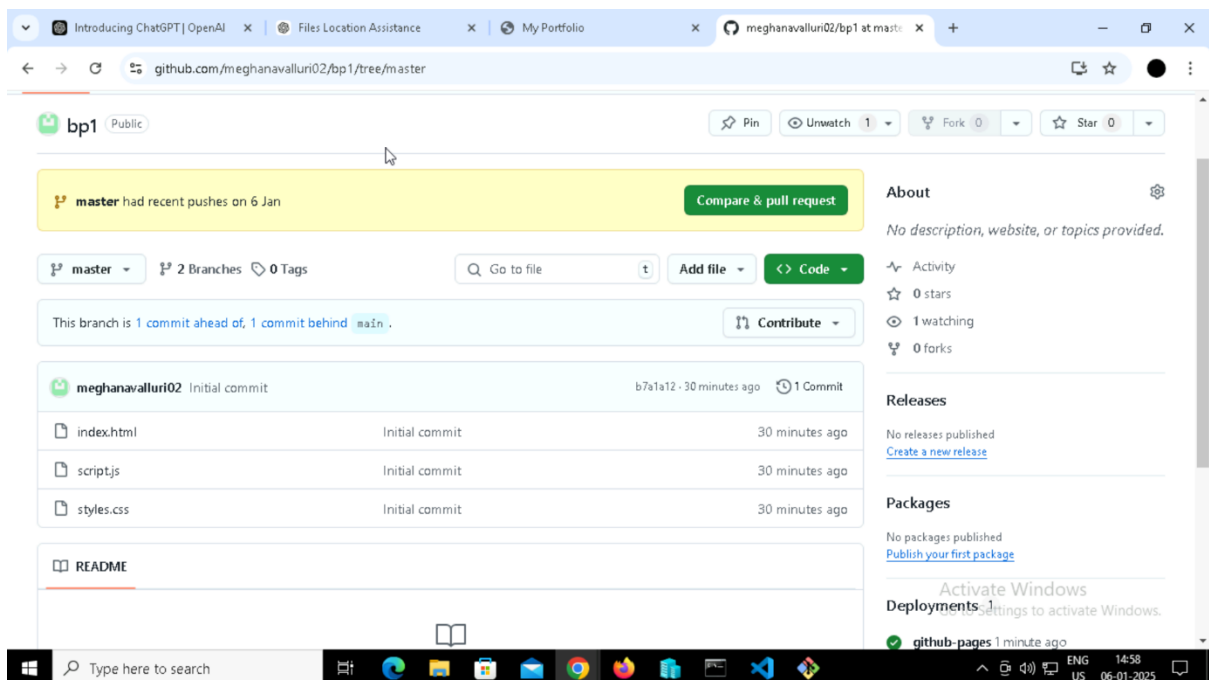
Administrator@3148c6658f7456b MINGW64 ~/Desktop/bp1 (master)
$ git add .

Administrator@3148c6658f7456b MINGW64 ~/Desktop/bp1 (master)
$ git commit -m "Initial commit"
[master (root-commit) b7a1a12] Initial commit
3 files changed, 215 insertions(+)
create mode 100644 index.html
create mode 100644 script.js
create mode 100644 styles.css

Administrator@3148c6658f7456b MINGW64 ~/Desktop/bp1 (master)
$ git remote add origin https://github.com/meghanavalluri02/bp1

Administrator@3148c6658f7456b MINGW64 ~/Desktop/bp1 (master)
$ git push -u origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 2.15 KiB | 2.15 MiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/meghanavalluri02/bp1/pull/new/master
remote:
To https://github.com/meghanavalluri02/bp1
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

Administrator@3148c6658f7456b MINGW64 ~/Desktop/bp1 (master)
$ git add.
git: 'add.' is not a git command. See 'git --help'.
```



STEP 6: GoTo GitHub repository > settings > pages

Under source, select the branch (usually main)

Your site will give a link for the portfolio

<https://meghanavalluri02.github.io/bp1/>

