

BEGINNER PROJECT 1

Personal portfolio website

1. objective: create a simple personal website that includes sections like "about me", "projects", "contact"
2. skills: basic html/css, using git to track changes and pushing it to github
3. GitHub concepts: git init, git add, git commit, git push, git clone and setting up github pages

Step 1 - HTML

```
index.html X # styles.css
index.html | > html | > body | > header
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Pratheek | </title>
7   <link rel="stylesheet" href="styles.css">
8 </head>
9 <body>
10 <header>
11   <nav>
12     <ul>
13       <li><a href="#about">About Me</a></li>
14       <li><a href="#projects">Projects</a></li>
15       <li><a href="#contact">Contact</a></li>
16     </ul>
17   </nav>
18 </header>
19
20 <section id="about">
21   <h1>About Me</h1>
22   <p>I am Pratheek. A 22-year-old graduate in Information Science and Engineering from M.S Ramaiah University. I specialize in Full stack technologies, Machine learning and DevOps.</p>
23 </section>
24
25 <section id="projects">
26   <h1>Projects</h1>
27   <div class="project-list">
28     <div class="project">
29       <h2>Beginner Project DevOps</h2>
30       <p>Created a simple personal website</p>
31       <a href="https://github.com/yourusername/project-name" target="_blank">View Project</a>
32     </div>
33     <!-- Repeat the above block for other projects -->
34   </div>
35 </section>
36
37 <section id="contact">
38   <h1>Contact</h1>
39   <p>Let's get in touch <a href="mailto:youremail@example.com">pratheek.ub00@gmail.com</a></p>
40 </section>
41
42 <footer>
43   <p>&copy; 2025 Pratheek. All rights reserved.</p>
44 </footer>
45
46 </body>
47 </html>
48
```

Step 2 - CSS

```
index.html # styles.css X
# styles.css > body
1  /* Reset some default styles */
2  *{
3      margin: 0;
4      padding: 0;
5      box-sizing: border-box;
6  }
7
8  /* General layout */
9  body {
10     font-family: Arial, sans-serif;
11     line-height: 1.6;
12     background-color: #f4f4f4;
13     color: #333;
14 }
15
16 header {
17     background-color: #333;
18     color: white;
19     padding: 1rem 0;
20     text-align: center;
21 }
22
23 header nav ul {
24     list-style: none;
25 }
26
27 header nav ul li {
28     display: inline;
29     margin-right: 20px;
30 }
31
32 header nav ul li a {
33     color: white;
34     text-decoration: none;
35 }
36
37 header nav ul li a:hover {
38     text-decoration: underline;
39 }
40
```

```
41  /* Sections */
42  section {
43     padding: 2rem;
44     margin-bottom: 2rem;
45 }
46
47 section h1 {
48     font-size: 2.5rem;
49     margin-bottom: 1rem;
50 }
51
52 .project-list {
53     display: flex;
54     flex-wrap: wrap;
55     gap: 1rem;
56 }
57
58 .project {
59     background-color: white;
60     padding: 1rem;
61     border: 1px solid #ddd;
62     width: 30%;
63     border-radius: 8px;
64     box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
65 }
66
67 .project h2 {
68     font-size: 1.5rem;
69     margin-bottom: 0.5rem;
70 }
71
72 .project a {
73     color: #333;
74     text-decoration: none;
75 }
76
77 .project a:hover {
78     text-decoration: underline;
79 }
80
```

```
81  /* Footer */
82  footer {
83      text-align: center;
84      padding: 1rem;
85      background-color: #333;
86      color: white;
87  }
88
```

Pratheek U B About Me Projects Contacts

About Me

I am Pratheek. A 22-year-old graduate in Information Science and Engineering from M.S Ramaiah University. I specialize in Full stack technologies, Machine learning and DevOps

Projects

Beginner Project DevOps

Created a simple personal website

[View Project](#)

Contact

Let's get in touch pratheek.ub008@gmail.com

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Activate Windows
Go to Settings to activate Windows.

STEP 3 – Version Control with Git & Github

1. Initialize git repo
2. Track changes
3. Commit changes
4. Push to github

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS
PS C:\Users\Administrator\Downloads\portfolio> git init
Initialized empty Git repository in C:/Users/Administrator/Downloads/port
folio/.git/
PS C:\Users\Administrator\Downloads\portfolio> git add .
PS C:\Users\Administrator\Downloads\portfolio> git commit -m "1st commi
t"
[master (root-commit) 539a2dc] 1st commit
 2 files changed, 134 insertions(+)
[master (root-commit) 539a2dc] 1st commit
 2 files changed, 134 insertions(+)
   create mode 100644 index.html
   create mode 100644 styles.css
PS C:\Users\Administrator\Downloads\portfolio> git branch -M main
PS C:\Users\Administrator\Downloads\portfolio> git remote add origin "https://github.com/pratheek08/DevOps-Beginner-Project-1.git"
PS C:\Users\Administrator\Downloads\portfolio> git push -u origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 1.36 KiB | 697.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/pratheek08/DevOps-Beginner-Project-1.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
PS C:\Users\Administrator\Downloads\portfolio>
```

