

# Portfolio Website Tutorial

Creating a personal portfolio website is a great way to showcase your skills and projects. I'll guide you step by step.

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## Step 1: Plan Your Portfolio

Before coding, decide:

- ✓ **Sections:** Home, About, Skills, Projects, Contact
  - ✓ **Theme:** Light/Dark, minimalistic or vibrant
  - ✓ **Responsiveness:** Works on mobile & desktop
- 

## Step 2: Set Up Your Project Structure

Create a folder for your project, then inside it, create these files:

```
├── `portfolio/`  
│   ├── `index.html` (Main HTML file)  
│   ├── `style.css` (CSS styles)  
│   └── `script.js` (For interactivity)
```

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## Step 3: Write HTML (Structure the Portfolio)

**Basic Sections to Include:**

- **Navbar** (Navigation links)
  - **Hero Section** (Your Name, Tagline)
  - **About Me** (Short bio, skills, resume)
  - **Projects** (Showcase your best projects)
  - **Contact Form** (Let people reach you)
- 

## Step 4: Style with CSS

We will use **Flexbox** and **Media Queries** for responsiveness.

**Key Styling Concepts:**

- Use `display: flex;` for layouts
  - Add smooth hover effects
  - Use **media queries** to make it responsive
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## Step 5: Add JavaScript for Interactivity

- Smooth scrolling

- Toggle dark/light mode (optional)
- Contact form validation

## COMPLETE CODE

### index.html

```
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>
  <!-- Navbar -->
  <header>
    <nav>
      <h1>My Portfolio</h1>
      <ul>
        <li><a href="#about">About</a></li>
        <li><a href="#projects">Projects</a></li>
        <li><a href="#contact">Contact</a></li>
      </ul>
    </nav>
  </header>

  <!-- Hero Section -->
  <section class="hero">
    <h2>Hi, I'm <span>Your Name</span></h2>
    <p>Aspiring Web Developer | Coder</p>
  </section>

  <!-- About Section -->
  <section id="about">
    <h2>About Me</h2>
    <p>Hello! I'm a passionate web developer skilled in HTML, CSS, and JavaScript.</p>
  </section>

  <!-- Projects Section -->
  <section id="projects">
    <h2>Projects</h2>
    <div class="project">
      <h3>Project 1</h3>
      <p>Short description of your project.</p>
    </div>
    <div class="project">
      <h3>Project 2</h3>
      <p>Short description of your project.</p>
    </div>
  </section>

  <!-- Contact Section -->
  <section id="contact">
    <h2>Contact Me</h2>
    <form id="contactForm">
      <input type="text" id="name" placeholder="Your Name" required>
      <input type="email" id="email" placeholder="Your Email" required>
      <textarea id="message" placeholder="Your Message" required></textarea>
      <button type="submit">Send Message</button>
    </form>
  </section>

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

```
</body>
</html>
```

## style.css

```
css

/* Global Styles */
body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
  text-align: center;
}

/* Navbar */
nav {
  display: flex;
  justify-content: space-between;
  padding: 15px;
  background-color: #333;
  color: white;
}

nav ul {
  list-style: none;
  display: flex;
  gap: 20px;
}

nav a {
  color: white;
  text-decoration: none;
}

/* Hero Section */
.hero {
  background: #f4f4f4;
  padding: 50px 0;
}

.hero span {
  color: #007bff;
}

/* Sections */
section {
  padding: 50px;
}

.project {
  background: #e3e3e3;
  padding: 20px;
  margin: 20px;
  border-radius: 5px;
}

/* Contact Form */
input, textarea {
  display: block;
  width: 80%;
  margin: 10px auto;
  padding: 10px;
}

button {
  background: #007bff;
  color: white;
  padding: 10px 20px;
}
```

```
border: none;  
}
```

### script.js

```
js  
  
// Contact Form Submission Alert  
document.getElementById("contactForm").addEventListener("submit", function(event) {  
    event.preventDefault();  
    alert("Message Sent Successfully!");  
});
```

## Step 6: Test and Deploy

- **Test Responsiveness:** Resize browser or use mobile view (Inspect Element > Toggle Device).
- **Host it Online:** Use GitHub Pages, Netlify, or Vercel.

## Must-Do for Every Portfolio Project

- ✓ Clear **About Me** Section
- ✓ Highlight **Projects** (with links if possible)
- ✓ Include **Contact Form**
- ✓ Make it **Responsive** (works on all devices)
- ✓ Keep **Code Clean** (Use comments & structure)

### Now Start Coding & Make It Yours!

Want to add animations or dark mode? Let me know! 😊

ChatGPT can make mistakes. Check important info.