My sample portfolio project details using HTML

Portfolio Website – Project Documentation

1. Project Overview and Objectives

The Portfolio Website is a simple, responsive personal website built using **HTML5 and CSS3**.
It showcases three primary sections:

1. **About Me** – Introduction and personal details

2. **Skills** – List of technical skills

3. **Contact** – A working contact form where users can submit messages

Objectives

- Create a clean and structured portfolio using **semantic HTML5 elements**

- Implement **internal navigation links** for smooth scrolling

- Include a **working contact form** using Formspree

- Add images with meaningful **alt text**

- Follow best practices for structure and accessibility

2. Setup and Installation Instructions

Requirements

- Any modern web browser (Chrome, Firefox, Edge, etc.)

- A code editor (VS Code, Sublime, Notepad++, etc.)

- A folder structure like:

```
/project-folder
    index.html
    /Images
        myimg.jpg
```

Steps to Run the Project

1. Create a new folder for my project.

2. Place your `index.html` file inside the folder.

3. Create an `Images` folder and add your image (myimg.jpg).

4. Then i was download the live server in my vs code then i run it the html code

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3. Code Structure Explanation

My code as follows a well-structured HTML5 layout:

a. `<!DOCTYPE html>` and `<html>`

Defines the document as an HTML5 page.

b. `<head>` Section

Includes:

- Character encoding (`UTF-8`)

- Responsive design meta tag

- Page title

- Internal CSS styling for layout and design

c. `<header>`

Contains:

- Website title

- Navigation bar

- **Internal links** (`href="#about"` etc.) used for jumping to sections

d. `<main>`

Contains all main content divided into semantic sections:

1. **`<section id="about">`**

   - Introduction text

   - Profile image with alt text

2. **`<section id="skills">`**

   - Skills listed in an unordered list

3. **`<section id="contact">`**

   - Contact form containing:

     - Text input (name)

- Email input

- Message textarea

- Submit button

Form is configured with:
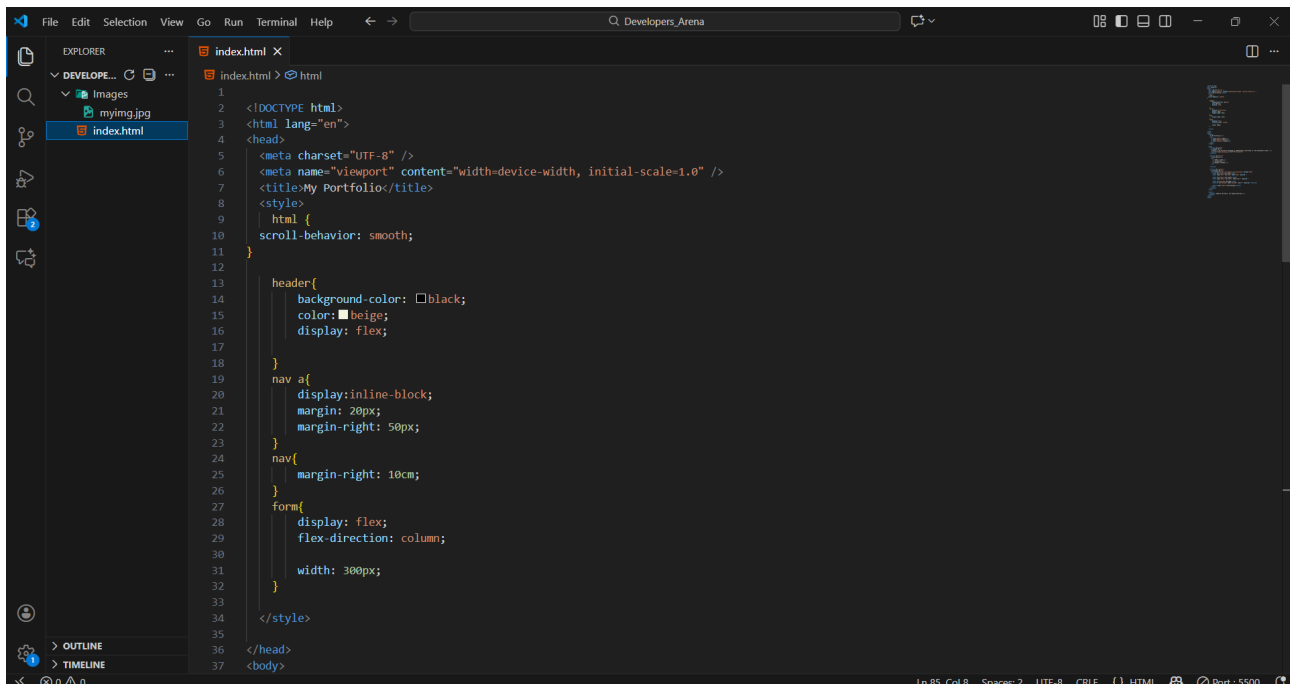
```
action="https://formspree.io/f/yourformid"
```
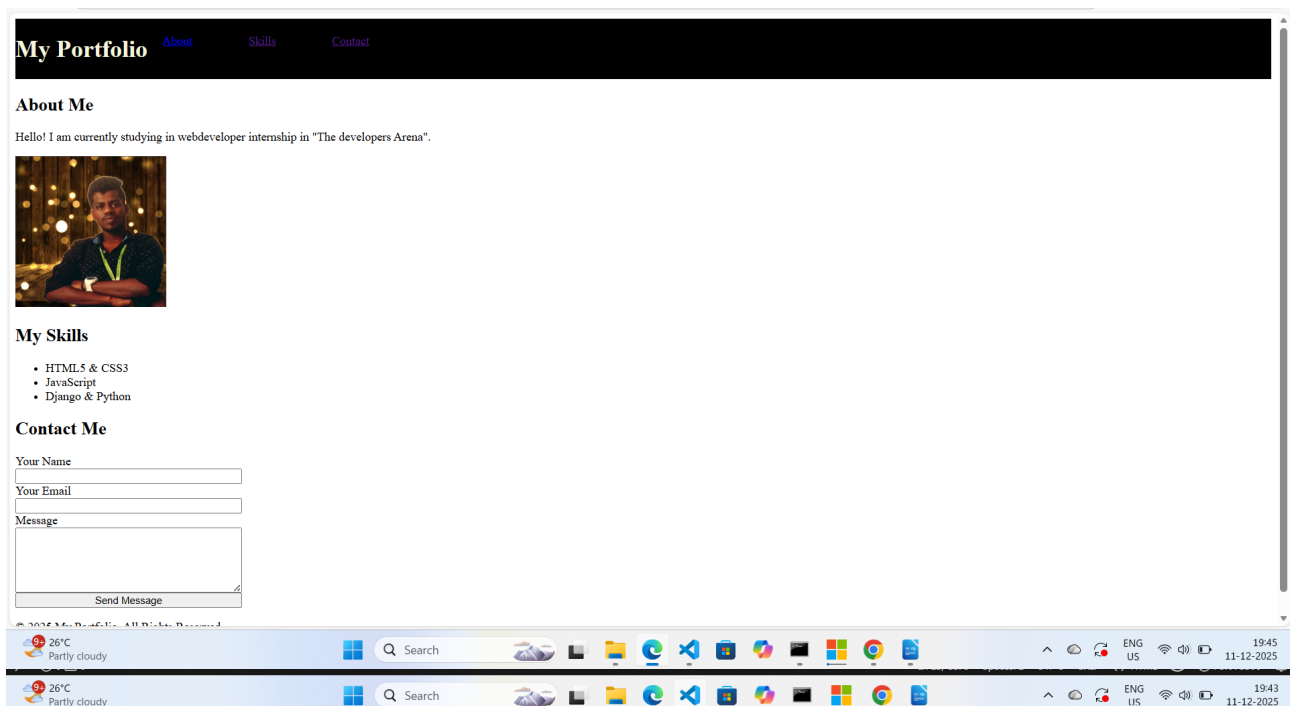
(Formspree handles email submission)

e. `<footer>`

Displays copyright.

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4. Screenshots of Working Application

5. How This Project Meets the Technical Requirements

Requirement	How It Was Achieved
Proper HTML5 structure	Used `<!DOCTYPE html>`, semantic tags (`header`, `nav`, `main`, `section`, `footer`)
3 sections: About, Skills, Contact	Implemented three semantic `<section>` elements
Semantic HTML tags	Header, nav, main, footer, section, h1–h2 tags used properly
Working contact form	Implemented using Formspree (`action="https://formspree.io/f/yourformid"`)
Images + alt text	Profile image included: `<img src=\"Images/myimg.jpg\" alt=\"Profile photo\" />`
Internal navigation links	`<a href=\"#about\">`, `<a href=\"#skills\">`, `<a href=\"#contact\">` used with matching IDs
Smooth scrolling	Added CSS: `html { scroll-behavior: smooth; }`

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