Portfolio

**Personal Portfolio Website** is a responsive and interactive web application developed using **HTML, CSS** to showcase my skills, projects, and professional background as a **Full Stack Java Developer**. The portfolio includes sections such as **About Me, Skills, Projects, and Contact**, with a clean and modern UI design created using tools like **Figma**. It serves as a digital resume, allowing visitors and recruiters to explore my technical expertise, view project summaries, and easily get in touch. This project demonstrates my ability to design and build visually appealing and well-structured web pages.

Header Section Summary using <link> Tags

1. Google Fonts Link Added
   * Used <link> tag to import custom fonts from Google Fonts for better typography.
2. Font Awesome or CDN Icon Link Added
   * Included CDN link (like Font Awesome or Bootstrap Icons) to use various icons in the portfolio.
3. CSS File Linked
   * Connected an external CSS file using the <link> tag to apply custom styles throughout the website.

### **Body Section – Navbar Summary**

1. **Created a Navigation Bar (**<nav>**)**
   * Designed a **responsive navbar** to navigate across your portfolio.
2. **Left Side: Name with Hyperlink**
   * Placed your **name on the left side** of the navbar.
   * Wrapped your name in an <a> **(anchor) tag** to link it (usually to the homepage or top of the page).
3. **Right Side: Social Media Links**
   * Added **GitHub, LinkedIn, and Main (Portfolio/Resume) links** on the **right side**.
   * Each link is wrapped in an <a> tag and often includes **Font Awesome icons** for better visual appeal.

### **Main Tag Summary – Portfolio Structure**

### **Home Section (**<section id="home">**)**

* Used inside <main> as the **first section** of your portfolio.
* **Left side:** Brief description **about yourself** (your role, interests, intro).
* **Right side:** Displayed your **image using** <img> **tag** with a proper image link.
* Included **3 navigation links** (<a>) to:
  + Skills section
  + Projects section
  + Contact section

**Skills Section (**<section id="skills">**)**

* Used multiple <h2> **tags** to list skills like:
  + Java, Spring Boot, MySQL
  + HTML, CSS, JavaScript
* Applied **borders** (using CSS) to highlight each skill block or heading.

**Projects Section (**<section id="projects">**)**

* Showcased **2 major projects**:
  + **Student Management System** (Java, Spring Boot, MySQL, CRUD)
  + **Weather App** (HTML, CSS, JavaScript, Weather API)
* Provided a **brief summary** for each project.
* Added **hyperlinks** (<a> tags) for:
  + Live demos or GitHub links

**Contact Section (**<section id="contact">**)**

* Added a **contact form** with:
  + **Name input**
  + **Email input**
  + **Message textarea**
  + **Submit button**
* Used required attribute for all fields to ensure form validation.

**Footer Section**

* At the bottom of the page.
* Included your **copyright**
  + Example: © 2025 Your Name. All rights reserved.

### **CSS File Summary (**style.css**)**

### **Used** :root **to Define CSS Variables**

You declared global color variables to reuse across your entire project:

:root {

--text-color: #1a1c20;

--background-color: #eeeff1;

--link-color: #4a76ee;

}

These variables help in maintaining consistent styling and easy theme changes.

**Reused Variables in Styling**

Used the above variables in various CSS properties like:

* color: var(--text-color);
* background-color: var(--background-color);
* a { color: var(--link-color); }

### **CSS Properties You Used**

* **Spacing & Box Model:**
  + padding, margin, border, box-sizing
* **Color & Background:**
  + color, background-color
* **Layout & Alignment:**
  + display: flex, justify-content, align-items, gap, text-align
  + inline-block, flex-direction, flex-wrap
* **Typography:**
  + font-family, font-size, font-weight, text-decoration
* **Buttons & Hover Effects:**
  + :hover styles for:
    - Anchor links (a:hover)
    - Buttons (button:hover, input[type="submit"]:hover)
  + Example: Change background or scale on hover.
* **Border & Radius:**
  + border, border-radius for rounded elements

**Footer Section**

* Styled with a clean look using:
  + background-color, text-align: center, padding
  + Copyright
* Hover effect for submit button: