

BRIEF DESCRIPTION OF PORTFOLIO

1. HTML Structure:

Document is defined with `<!DOCTYPE html>`.

In the head section, meta tags are used for character set and viewport settings.

For styling, an external stylesheet named as `style.css` is linked and for icons I have linked an external CSS `fontawesome.com`.

Scripts are added for [Scroll Reveal](#), [Typed.js libraries](#) and for linking an external Js file.

Title of this web page is My Portfolio.

2. Header Section:

The header sections contain a logo link, a menu icon for mobile navigation and a navigation bar in the header element. The navigation bar contains links to different section of the page (Home, About, Services, Portfolio, Contact).

3. Homepage Section:

The section element with the class and id (home) serves as the homepage.

The class `home-content` contains the main content of the home page like headings & a paragraph.

The social-media class contains social media platform links by using Font Awesome icons.

An anchor tag with a `btn` class serves as a button for downloading cv.

The class `home-img` contains an image that is representing the individual profile picture.

4. About Section:

The section element with the class and id (home) serves as the About Me section of the website.

The class `about-img` contain an image that is representing the profile picture of the individual.

The class `about-content` contains the main content of this section like heading and paragraph.

5. Services Section:

This section showcasing different services the individual is offering with the class and id (services) serves as the My Services section of the website.

There are 3 services boxes, each highlighting a different service.

Each service box includes a read more button that, when clicked, reveals additional content about the service.

6. Portfolio Section:

The section element with the class and id (portfolio) serves as the portfolio section of the website.

This section showcasing the latest projects.

There are three portfolio boxes each representing a different project. The images contain hover effect that reveals the project title and an icon. Each portfolio box includes a portfolio-layer that appears when hovered over, showing the project title and an icon indicating a link or more information.

7. Contact Section:

The section element with the class and id (contact) serves as the Contact Me section of the website. The form contains several input fields for user information like Full Name, Email Address, Mobile Number, Email Subject and Message, a textarea for user's message. A button is created for submitting the form.

8. Footer Section:

The footer contains a class (footer) that contains two main parts. The first one is footer-text that includes a paragraph displaying the copyright notice. The second one is footer-iconTop that contains a link. This link, when clicked, scrolls the page back to the top of the website specifically to the element id="home". The link includes an icon represented by a font-awesome arrow pointing up.

Challenges faced during the process:

While developing my portfolio, I encountered challenges when implementing media queries in CSS. I have basic knowledge on this topic. This initial struggle proved to be a valuable learning experience, as I deeply research on responsive design principles. Through extensive research and online resources, I gained a strong understanding of media queries and their role in creating adaptable web experience.