Personal Portfolio Website Design and Development

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"Believe in yourself and your abilities. Every great developer once started from zero."

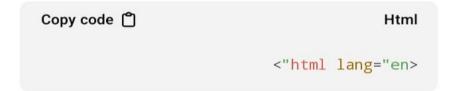
HTML Code Explanation — Portfolio Project

1. Head Section



Explanation:

This declares the document type and version of HTML being used. Here it's HTML5.



Explanation:

Starts the HTML document and sets the language to English.



Explanation:

Defines the character encoding for the document as UTF-8, supporting most languages and symbols.

```
Copy code 

meta name="viewport">
content="width=device-width,
<"initial-scale=1.0
```

This makes the page responsive, adjusting its size based on the device's screen width.

```
Copy code  Html

<"link rel="stylesheet" href="style.css>
```

Explanation:

Links an external CSS file called style.css to style the page.

Explanation:

Links to the Font Awesome library, allowing the use of icon fonts in your page.

```
Copy code 

Html

link>
href='https://unpkg.com/boxicons@2.1.4
<'/css/boxicons.min.css' rel='stylesheet
```

Explanation:

Adds another icon library (Boxicons) to use more icons easily.

2. Header & Navbar Section

Explanation:

Creates a header section containing a navigation bar.

The h2 element displays the logo text "Portfolio", with the "lio" part inside a span tag (can be styled differently in CSS).



Explanation:

Sets the title of the web page displayed on the browser tab.

```
Copy code  Html

<a href="#" class="btn">Subcribe</a>
```

A button-like link with class btn to subscribe (style given via CSS).

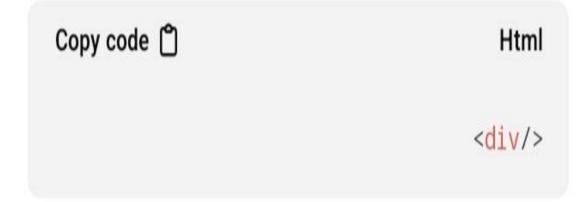
Explanation:

A div with a menu icon (hamburger menu) for mobile view navigation toggle.

Explanation:

An unordered list (u1) for the navigation links. Each 1i is a menu item linking to sections of the same page using #id.

A hidden dropdown menu for mobile that will be shown when clicking the toggle button.



Explanation:

Closes the navigation bar container.

When the toggleBtn is clicked, it toggles the open class on dropDownMenu, showing or hiding it via CSS.

End of Head & Header Explanation

3. JavaScript for Toggle Menu

Explanation:

Defines three variables:

- toggleBtn: selects the menu button element
- toggleBtnIcon: selects the icon inside the button
- dropDownMenu: selects the dropdown menu

Copy code C Html

Explanation:

A small heading displaying greeting text.



Explanation:

Main large heading showing the name "Shohreh".

4. Home Section



Explanation:

This is a container div with class all, wrapping both the right and left sides of the home section.

Right Side (Text and Form)



Explanation:

A div to hold the content on the right side — the text introduction and email form.

Newsletter Form

Explanation:

A newsletter subscription form:

- First input: email type input for the user's email address with a placeholder text.
- Second input: a submit button labeled "Let's Start".



Explanation:

A medium heading showing the job title.

Explanation:

A smaller heading paragraph describing personal information and passion for programming.

5. About Me Section



Explanation:

An article element to wrap the "About Me" content. It groups related self-contained content.



Explanation:

A div with id="about" so it can be targeted by navigation links.

Left Side (Image)

Explanation:

- A div for the left side holding an image (img tag).
- src points to the image file location.
- alt is alternative text for accessibility (but it's empty here — better to fill it later).

Left Column (Image)

Explanation:

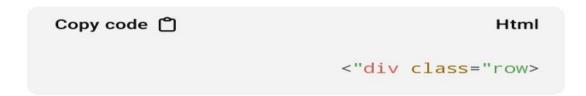
A div containing an image of the person.

- src is the image source.
- alt is alternative text for screen readers (currently empty).



Explanation:

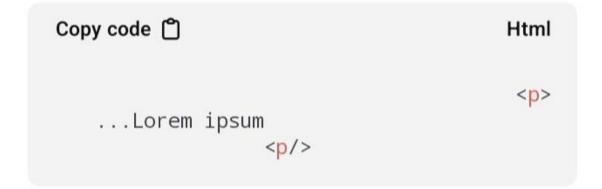
A container div to center and constrain the content width.



Explanation:

A div acting as a flex row or grid row for layout purposes — dividing the section into two columns.

Description



Explanation:

A paragraph describing the person — placeholder text for now.

Right Column (Text and Tabs)



Title



Explanation:

A heading displaying the section title "About Me".

Tab Contents

Skills Tab

Explanation:

- A div with id skills containing a list of skills.
- active-tab class makes it visible initially.

Tab Titles

Explanation:

- Three clickable p elements acting as tabs.
- class="tab-links" for styling.
- onclick runs opentab() function with the corresponding tab id when clicked.
- The first tab is marked active-link by default.

Education Tab

Experience Tab

```
Copy code div class="tab-contents">

div class="tab-contents">

<"id="experience"

<ul>

<div/>
<div/></di>
```

Explanation:

Same as above but for educational background.

Explanation:

A similar div listing experience details, hidden by default.

- tablinks: Selects all tab link elements.
- tabcontents: Selects all tab content elements.
- opentab():
 - Removes active-link from all tab links.
 - Removes active-tab from all tab contents.
 - Adds active-link to the clicked tab.
 - Adds active-tab to the corresponding content div.

Tab Script

```
Copy code
                                  Javascript
                            var tablinks =
document.getElementsByClassName("tab-link
                         var tabcontents =
document.getElementsByClassName("tab-cont
                                   :ents")
              } function opentab(tabname)
           } for(tablink of tablinks)
 ; tablink.classList.remove("active-link")
     } for(tabcontent of tabcontents)
tabcontent.classList.remove("active-tab")
event.currentTarget.classList.add("active
                                  ;-link")
document.getElementById(tabname).classLis
                      ;t.add("active-tab")
```

Title



Explanation:

A container div holding the section title.

 h2 is used as a subheading for the services part of the website.

6. Services Section



Explanation:

A div with id service to mark the services section — so it can be targeted with links or CSS.

- div class="card": A single card element.
- <i class='bx bx-menu'>: Boxicons icon (a menu icon in this case).
- <h5>: Title of the service.
- div class="pra": A div wrapping the description.
- First : Service description.
- Second : Contains a centered Read
 More link styled as a button.

Each Service Card

Card 1

```
Copy code
                                      Html
                       <"div class="card>
  <i class='bx bx-menu' ></i>
     <h5>Web Development</h5>
            <"div class="pra>
p> Lorem ipsum dolor sit>
                               <amet...</p
    p style="text-align:>
                                 <"; center
    a class="button">
                   <href="#">Read More</a
                     <div/>
                           <div/>
```

7. Contact Me Section



Explanation:

A div element with the class contact-me — this is the section where you encourage visitors to contact you.



Explanation:

A paragraph element acting as a call-to-action (CTA) sentence, inviting visitors to let you build a website for them.

Card 2 and Card 3

Explanation:

They follow the exact same structure as Card 1, but with different icons (user and bell icons).

End of Contact Section



Explanation:

Closes the contact-me container.

```
Copy code Thin Html

a class="button-two" href="#">Hire Me</>
<a
```

Explanation:

An anchor tag (a) styled with the class button-two, acting like a button.

The link currently goes nowhere (href="#"), but it can be set to open an email, contact form, or external page.

Text inside the link says "Hire Me".



A paragraph inviting visitors to check out your tutorials and subscribe to your channel for more coding content.



Explanation:

A container div with the class social to hold your social media links.

8. Footer Section



Explanation:

Defines the page's footer using the <footer> tag.

It has an id of #footer.

Note: Having # inside the id isn't standard — better to just use id="footer" without the #. But it still works here.



Explanation:

A simple paragraph displaying your name as a signature or website owner mention.

An anchor tag (a) with an empty link (href="#") wrapping an <i>icon element. The icon class 'bx bxl-facebook' comes from **Boxicons** library and shows the Facebook icon.



Explanation:

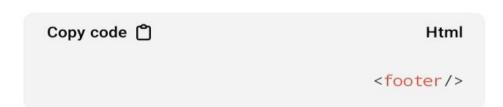
Same as above, this one shows the **Instagram icon** using 'bx bxl-instagram'.

Explanation:

An anchor tag (a) with an empty link (href="#") wrapping an <i>icon element. The icon class 'bx bxl-facebook' comes from **Boxicons** library and shows the Facebook icon.

```
P class="end">CopyRight By Shohreh>
<0khravi</p
```

A final paragraph with the class end, displaying a copyright.



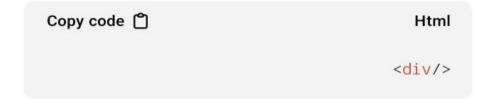
Explanation:

Closes the entire footer section.



Explanation:

And this one shows the **GitHub icon** using 'bx bxl-github'.



Explanation:

Closes the social media icons container.