Defect Report

Issue Summary:
The `<img>` element lacks a text alternative, violating the accessibility guideline A 1.1.1 Non-text Content.

Description:
The image with the class `contact-image` does not have an `alt` attribute, which provides alternative text for screen readers to describe the content of the image to visually impaired users. This omission violates WCAG 2.2 Success Criterion A 1.1.1 Non-text Content.

Steps to Reproduce:
1. Navigate to the page i.e http://localhost:8080/
2. Inspect the `<img>` element with the class `contact-image`.
3. Verify that the `alt` attribute is missing or empty.
4. This issue can be replicated on any browser and OS

Expected Behavior:
The `<img>` element should include a meaningful `alt` attribute that describes the content or purpose of the image.

Actual Behavior:
The `<img>` element lacks a `alt` attribute, leaving visually impaired users unable to understand the content conveyed by the image.

WCAG 2.2 Success Criterion:
A 1.1.1 Non-text Content ([External link](#))

Screenshot:
[Img Alt Text Issue](#)

Recommendation:
To address this issue and ensure compliance with accessibility guidelines, please add a descriptive `alt` attribute to the `<img>` element. The `alt` text should succinctly describe the content or purpose of the image. For example:

<img class="contact-image" src="images/robot-3114245_1280.png" alt="Illustration of a robot">

1) **Issue Summary:**
Placeholder used instead of label for form controls.

Description:
The form controls for "Full name," "Email," and "Your message..." utilize placeholders instead of proper labels. This violates the accessibility guideline A 3.3.2 Labels or Instructions.

Steps to Reproduce:
1. Navigate to the page containing the form.
2. Inspect the form controls for "Full name," "Email," and "Your message...".
3. Verify that placeholders are used instead of labels.

Expected Behavior:
Form controls should have associated labels that clearly describe the purpose or expected input for each field.

Actual Behavior:
The form controls rely solely on placeholders, which may not be accessible to all users, especially those using screen readers or assistive technologies.

2) **Issue Summary:**
The page does not define the lang attribute on the html element.

Description:
The <html> element lacks a lang="..." attribute, which specifies the primary language of the document's text content. This attribute is essential for accessibility purposes as it helps assistive technologies understand and properly interpret the language used on the page.

Steps to Reproduce:
1. Open the webpage in a browser.
2. View the page source or inspect the <html> element.

Expected Behavior:
The <html> element should include a lang attribute specifying the primary language of the content, such as lang="en" for English.

Actual Behavior:
The <html> element is missing the lang attribute.

3) **Issue Summary:**
The page's <title> element is empty.

Description:
The <title> element of the page is empty, meaning it does not contain any text. The title element is crucial for providing a concise and descriptive title for the webpage, which aids users in understanding the page's content and context, particularly when navigating with assistive technologies or through browser tabs.

Steps to Reproduce:
1. Open the webpage in a browser.
2. View the page source or inspect the <title> element.

Expected Behavior:
The <title> element should contain a meaningful and descriptive title that accurately represents the content or purpose of the page.

Actual Behavior:
The <title> element is empty.

The following alerts have been detected on the test page.

1) Autocomplete missing
   Description: The form field is missing a valid autocomplete="..." attribute.

2) No nav landmark
   Description: The page does not explicitly identify the primary navigation content using ARIA role="nav" or the HTML <nav> element.

3) No main landmark
   Description: The page does not explicitly identify the main content using the HTML <main> element or the ARIA role="main" attribute.

4) Missing bypass methods
   Description: The page appears to be missing common methods used to bypass blocks of content, such as a "skip to main content" link.