



Thank you for participating in Americaneagle.com's Front-End Developer skill assessment. This assessment evaluates your ability to complete a project that another developer has already started, using HTML, CSS, JavaScript, and front-end best practices

In this hypothetical scenario, a Front-End Developer has been working on the homepage of a project but needs your help to complete it and prepare it for client delivery.

The graphical prototypes for the client's project, *Beautiful Beginnings*, are located within Figma:

<https://www.figma.com/proto/C0v77Vfbv9345XnYlgDg1L/Beautiful-Beginnings?node-id=35-1153&t=uc6qEBLiAYnnJfm-1>

Log in to Figma using your personal account to access the *Beautiful Beginnings* project. Once inside, you'll find both desktop and mobile prototypes. You can inspect design elements, view spacing, and export assets as needed. Use Figma's built-in tools to check font sizes, colors, and component structures to ensure accuracy when implementing the design.

Below are the remaining requirements needed to complete the homepage build for the client.

Please note that the previous developer has not yet fully tested their code. In addition to addressing the following requirements, they would appreciate your help in identifying any missed best practices or potential improvements.

As part of the project scope, the client prioritizes fast page speed and performance, strong search engine optimization, and engaging interactive elements where possible.

Additionally, the client requires that the page functions properly in all browsers with over 5% usage in the U.S. over the past few months, based on browser statistics.

Here are the outstanding requirements that need to be completed:

Fonts:

- The font family 'Barlow' is defined in the CSS, but the font file still needs to be properly embedded on the front end.

Main Navigation Menu – Mobile View:

- Expand and collapse functionality for the mobile menu toggle needs to be implemented.
 - o The HTML markup and CSS for the navigation menu on small screens have been completed, but the functionality to expand and collapse the menu is still missing.
 - o The user interface for the menu toggle is included in the mobile prototype of the homepage. If needed, you can reference the design to fine-tune the display.

Site Logos:

- The site logo is currently added in PNG format, but the client has requested scalable logos to ensure optimal display on retina screens and various screen sizes.

Icons:

- Some icons still need to be set up, including:
 - o Hamburger menu for the mobile navigation
 - o Cart icon
 - o Search Icon

Hero Banner / Slideshow:

- Per the prototype, additional slides need to be added to the Hero Banner.
 - o Slideshow functionality needs to be implemented
 - o Additional HTML markup is required for the extra slides.
 - o HTML markup is also needed for navigation elements such as arrows and dots.

Site Search

- Although there is no specific mockup for this in the prototype, the previous developer has added HTML markup for a search input that will display when the search icon is clicked:

```
<div class="navbar__search">
  <label class="navbar__search-label" for="navbar__input">Search Bar</label>
  <input class="navbar__input" type="text" name="navbar__input" id="navbar__input" placeholder="Search..." />
</div>
```

- To complete this, JavaScript functionality needs to be added to toggle the search input when the icon is clicked. Additionally, CSS will need to be applied to style the search input and ensure it aligns with the overall look and feel of the page.

Footer:

- The footer requires some adjustments:
 - o Social media icons and links need to be added to the Contact column.
 - o In the mobile prototype, the footer links are expandable and collapsible, but the expand/collapse functionality has not been set up or styled yet.
 - The +/- icons are also missing.

Responsive Views:

- The previous developer was unable to get the page to switch to 'mobile' styles on devices. Please review.

Testing

- Please test and review the implementation to ensure that nothing was missed during the translation of the prototype into the front-end build.

Feedback

The client is very involved in the project and has requested a technical breakdown of what was completed, as well as how you addressed the missing requirements. They have also asked for feedback on how User Interface/User Experience, as well as Front-End Development best practices, can be improved in the future.

You can provide this technical feedback either as a written assessment or via a quick screen recording. The screen recording should include you narrating the technical breakdown and improvement suggestions, which you can share with us as part of the assessment challenge.