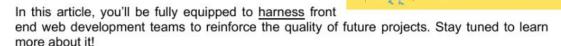# What is Front-End Web Development? Everything You Need to Know (Part 1)

Source: https://trio.dev/blog/front-end-web-development

As business strategists and project managers scramble to create seamless user experiences (UX) and user interfaces (UI), front end web development teams have never been more crucial than before.

By constructing compelling front end interfaces and final products, businesses can better tap into the psychology of attracting consumers and future clients.

In this article, you'll be fully equipped to harness front end web development teams to reinforce the quality of future projects. Stay tuned to learn more about it!

What Is Front-End Web Development?
You know, when we browsed website homepages, blogs, and online publications in the early 2000s, information was haphazardly organized.

They displayed near ancient-looking windows and website tabs of information that were densely allocated and difficult to navigate.

However, with the sharp rise in user-centered design methods and best practices in HTML, CSS, and other front-end development frameworks/languages, website layouts improved dramatically.

Now, imagine yourself today scrolling through top-of-the-line consumer-corporate websites including Amazon, Netflix, Facebook, and Google.

Notice any common features?

Seamlessly structured UI/UX web layouts with accessibility in mind.

In broad terms, the front end of a website includes all facets and external elements that the users interact with.

Whether they're navigating dropdown menus, using adjustable sliders, or scrolling through sections upon sections of website information, front-end web development accounts for all related factors.

At this very second in time, more than 1.5 billion active websites are shooting their best shot at designing and engineering beautified front-end UI experiences.

As a result, a combination of HTML, CSS, and JavaScript have established themselves as staple design languages in the front-end development realm.

How To Develop an Effective Front-End Web Project
Effective front-end developers and UI/UX projects integrate several criteria, including:
- User accessibility
- Navigation
- Compatibility with their user base/audience, and
- Sleek user interfaces

That all together to that tap into the subconscious pleasures of the user audience. In other words, front-end developers are responsible for optimizing and tailoring the sweet spot proportion of an attractive user interface. What's this elusive sweet spot, you may ask? It is a practical, yet alluring, user interface that actively engages the audience using essential design elements and UX research.

In order to achieve this sweet spot, front-end developers adaptively use HTML, CSS (markup languages), and JavaScript (programming) to create the functional foundation of a sleek UI.

However, high-performing front-end devs will progressively become familiar with associative frameworks including Bootstrap, Foundation, Backbone, Angular, React.js, and EmberJS. This recipe-like combination of front-end design languages and frameworks allows companies to create responsive pages and mobile-friendly (i.e. website content will appear the same on all devices) that reach more expansive audiences.

All in all every surface-level detail you can perceive and digitally interact with was made possible by a front-end development team, composing a final exterior design for the user to indulge in.

Although the components of a web page unify disparate sources of media, anywhere from photographs to logos and content, front-end developers effectively compose them into a final story that both engages the user in real-time and impresses them enough to return.

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CHECKING FOR UNDERSTANDING

Read the sentences. Are they *True* or *False*?
Correct the false ones.

1. Constructing front end interfaces is connected to the psychology of attracting consumers and future clients. _____

2. Front end development has always been the same. _____

3. Front end development involves user-centered design methods. _____

4. Navigating dropdown menus, using adjustable sliders, or scrolling through sections upon sections of website information, are some examples of back-end web development. _____

5. The only responsibility of front-end developers is to make websites look good. _____

6. For front-end developers to create more responsive pages they should only use CSS, HTML and JS. _____