
checkpoint web

- *How does the web work?*

The web browser **connects to the web server and sends an HTTP request** (via the protocol stack) for the desired web page. The web server receives the request and checks for the desired page. If the page exists, the web server sends it. If the server cannot find the requested page, it will send an HTTP 404 error message.

- *What do you need to be a web developer?*

While there are no formal or specific qualifications required to become a web developer, a numerate degree in a subject such as maths or science will be useful.

You should also ideally have an aptitude for - or experience of - elements such as:

- User experience (UX)
- User interface (UI)
- Visual design
- Coding languages including HTML and CSS
- Frontend web programming languages and skills such as JavaScript, Ajax and web animation techniques
- Backend web programming languages such as C# or Java, PHP and Ruby
- Design software like Photoshop and Illustrator and Sketch
- An understanding of SEO
- Web servers and how they function

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- What is the role of a web developer.
 - A Web Developer is **responsible for the coding, design and layout of a website according to a company's specifications**. As the role takes into consideration user experience and function, a certain level of both graphic design and computer programming is necessary.