Web Developer Introduction

2021

Web Developer

Becoming a Web Developer

Web developers work independently as freelancers or with company teams to create websites.

Depending on the job, these professionals may focus on

- Front-end development, which involves designing sites and producing content, or

- Back-end development, which involves writing code to make website features work.

Web developers may also become webmasters for a site, providing maintenance, updates, and troubleshooting when needed.

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Web design deals with the front-end of a website, concerning itself with appearance and user experience.

Web development, deals with building technical front-end and/or back-end code that informs site function.

Web developers may work exclusively on front-end code, back-end code, or both, and many modern jobs also require overlap into web design.

These professionals may work independently on a freelance basis or with marketing or IT departments.

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Key Hard Skills

HTML5:

A markup language used to provide structure to content on the web, HTML5 is the most current version of the HTML standard.

Web developers use HTML5 to form the fundamental rules of webpages, including whether to format content as

- paragraphs,
- headings,
- lists,
- links, or
- other element types

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Key Hard Skills

Cascading Style Sheets (CSS):

Web developers use CSS to control the layout and appearance of elements across multiple pages of a site.

CSS language can influence the presentation of

- font faces,

- colors,

- spacing among elements, and

- element sizes on a page

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Key Hard Skills

JavaScript:

JavaScript is used on most modern websites, and it is the cornerstone programming language for interactive webpages.

Web developers use JavaScript to give "life" to pages, as it controls behaviors like dynamic loading.

This language also determines an element's response to

- user clicks,

- creating countless interactive possibilities

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Key Hard Skills

ASP.NET:

An open-source, <u>server-side web application</u> framework developed by Microsoft, ASP.NET provides tools and resources to help web developers build

- dynamic websites,

- applications, and

- services.

There are many web applications frameworks, web developers often rely on ASP.NET as an industry-standard option

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Key Hard Skills

Angular.js:

Angular.js, another open-source, industry-standard application framework, is much like ASP.NET.

Google and its community of users maintain this software.

Web developers often use Angular.js to adjust the front end of a website due to the code's foundation in JavaScript.

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Key Hard Skills

Depending on your industry or specialization, you may find additional programming languages useful to your web development career.

While most front-end web developers use **JavaScript**, back-end web development can involve languages such as **Python**, **Java**, or **Ruby** in addition to JavaScript and **PHP**.

Web developers often use popular software applications such as **Photoshop** and **WordPress** as well.

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Frontend development

Frontend refers to any aspect of the design process that appears in or relates directly to the browser. That includes

- HTML,

- CSS, and

- JavaScript and DOM scripting

- JavaScript frameworks (such as React, Bootstrap, Angular, and others) that automate a lot of the production process
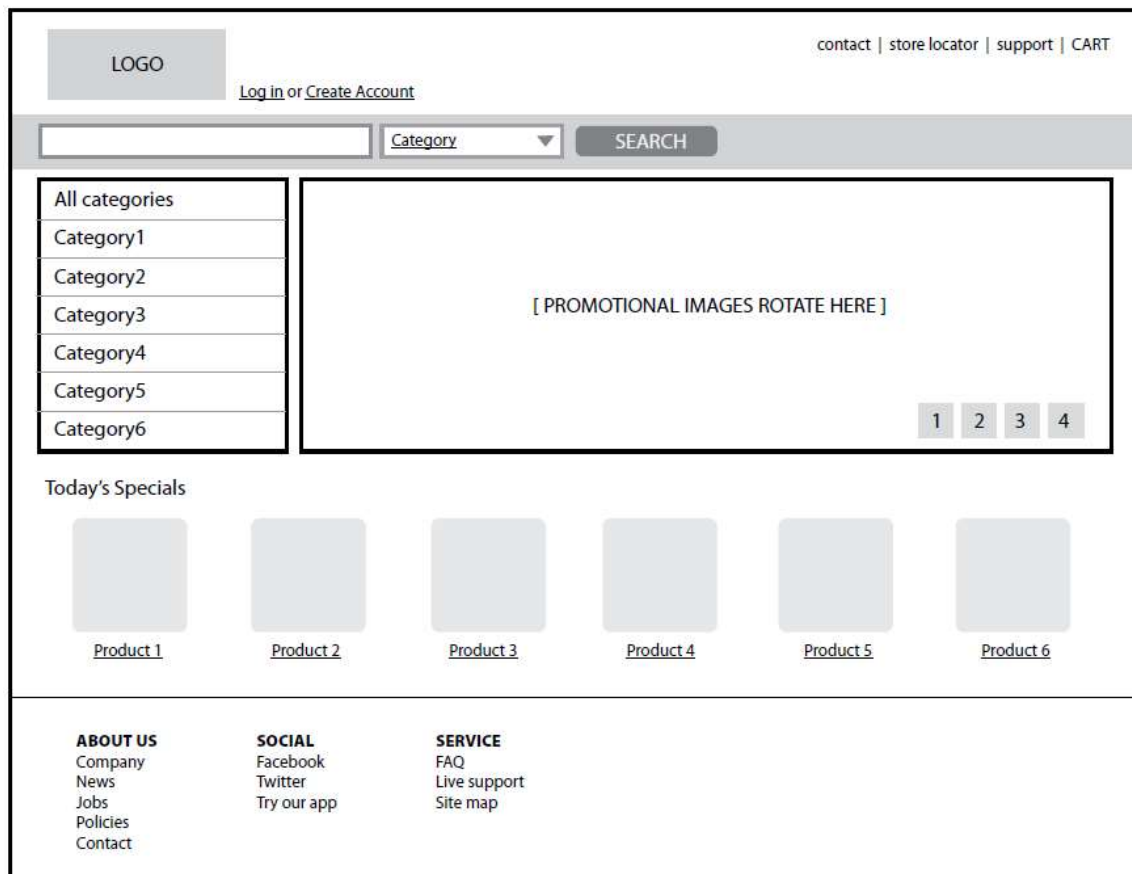
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Backend development

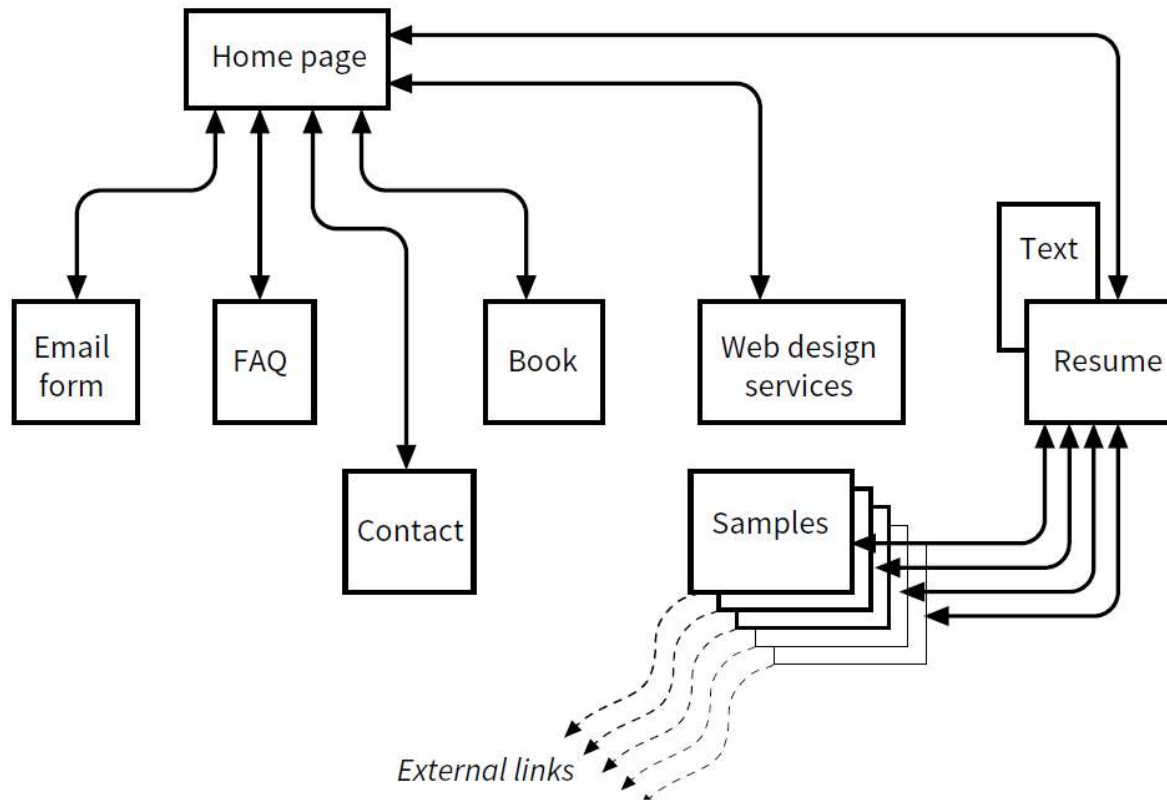Backend developers focus on the server, including the applications and databases that run on it.

- Installing and configuring the server

- Know server-side programming languages to create applications that provide the functionality required by the site, such as

- .NET (or ASP.NET),

- PHP,

- Ruby,

- Python,

Applications handle tasks and features like forms processing and online shopping.

Wireframe diagrams

LOGO

contact | store locator | support | CART

Log in or Create Account

| | Category ▼ | SEARCH |

All categories

Category1

Category2

Category3

Category4

Category5

Category6

[PROMOTIONAL IMAGES ROTATE HERE]

1 2 3 4

Today's Specials

Product 1   Product 2   Product 3   Product 4   Product 5   Product 6

ABOUT US
Company
News
Jobs
Policies
Contact

SOCIAL
Facebook
Twitter
Try our app

SERVICE
FAQ
Live support
Site map

Site diagram

Visual (graphic) design