

Industrial Training Program

by CWIPEDIA

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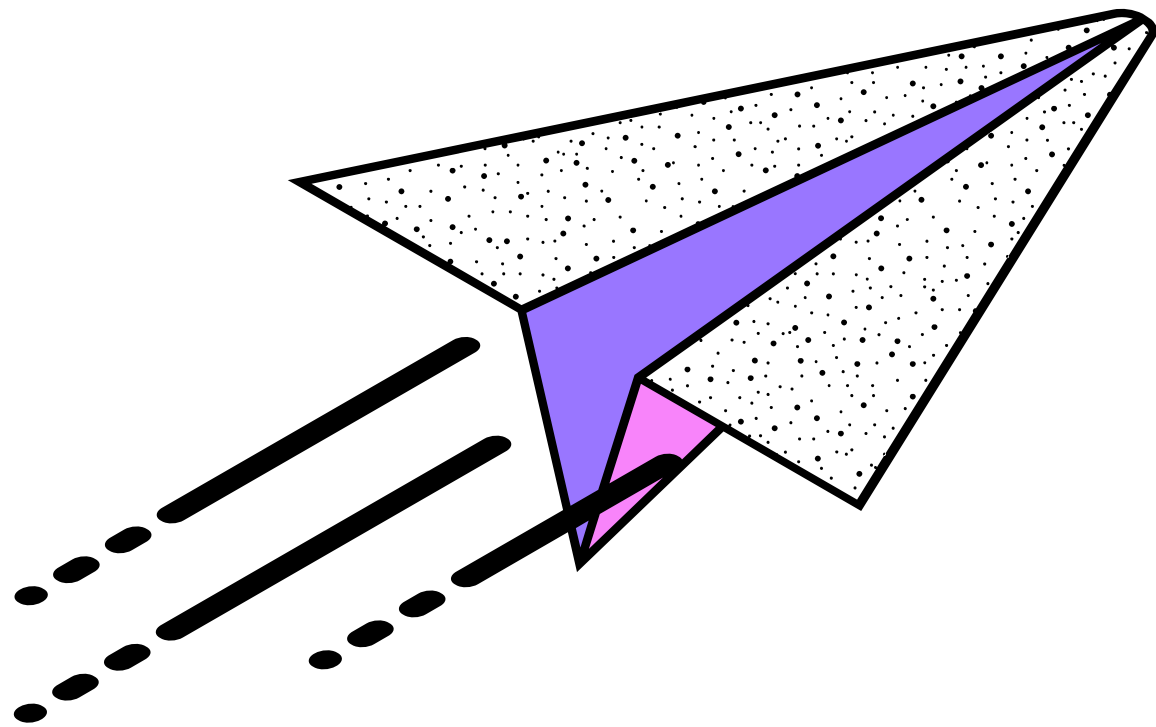


Good Morning!

#CWIPEDian

Web-Dev-1

Agenda



What is a Website?

Why Web-Development?

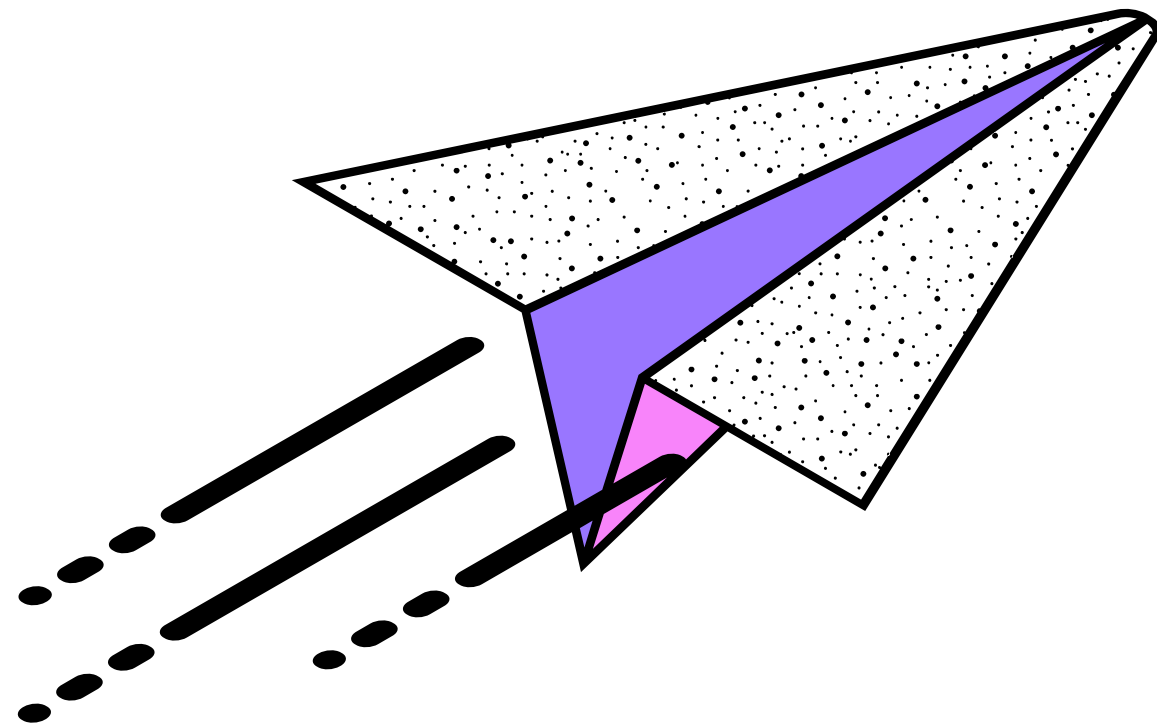
What is Front-End?

What is Back-End?

What is Full-Stack?

What is API?

Agenda



How website Load?

Which language is used in web development?

Layer of Web-Dev

HTML,CSS,JS

Web Design VS Web Dev

Examples: HTML,CSS,JS

Practice

What is a Website?

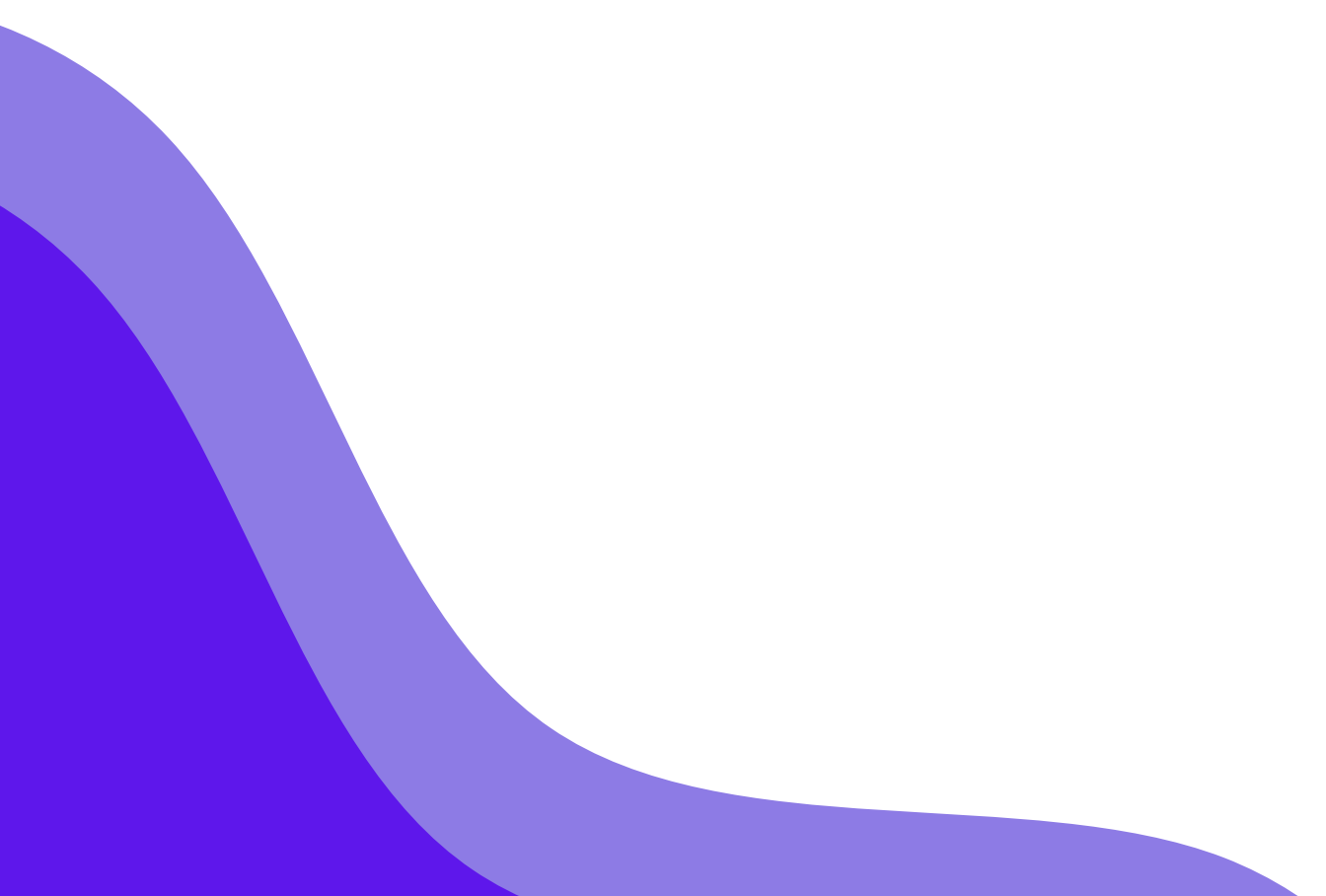
A website is a collection of many web pages, and web pages are digital files that are written using HTML(HyperText Markup Language).

Why Web-Development?

Web development gives you the opportunity to express yourself creatively on the internet. If you have an idea you would like to try as you discover your web dev skills, try it out. Web dev is a fun, creative experience. -devmountain

Is Web developer a good career?

On the earning potential front, web development careers appear strong. The Bureau of Labor Statistics (BLS) reports that the 2020 median annual salary for web developers and digital designers was \$77,200—substantially more than the nationwide average of \$41,950 for all occupations



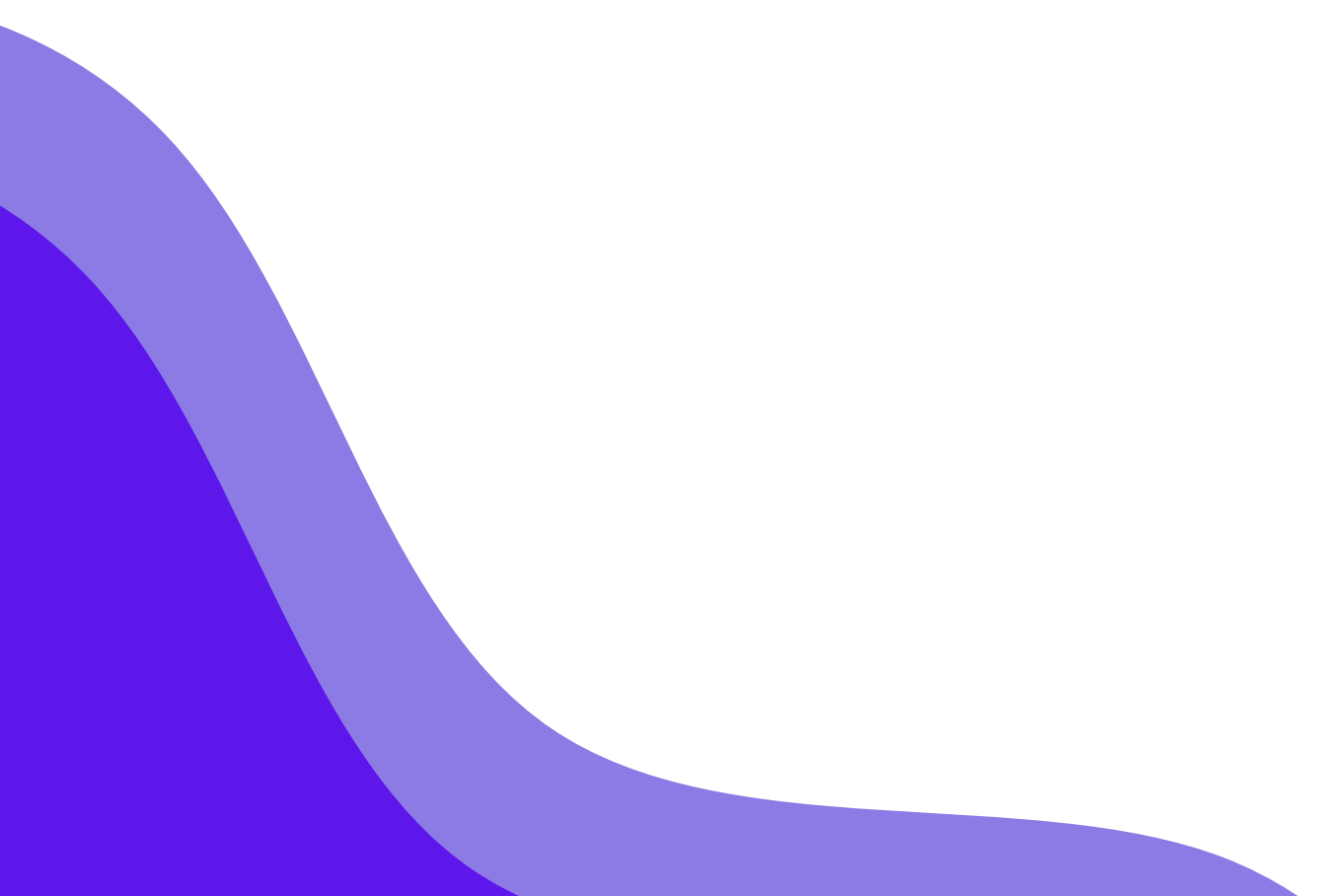
What is Fron-End Dev?

Front-end web development is the development of the graphical user interface of a website, through the use of HTML, CSS, and JavaScript, so that users can view and interact with that website

-Wikipedia

What is Back-End Dev?

Backend Development is also known as server-side development. It is everything that the users don't see and contains behind-the-scenes activities that occur when performing any action on a website. It focuses primarily on databases, backend logic, APIs, and Servers -interviewbit

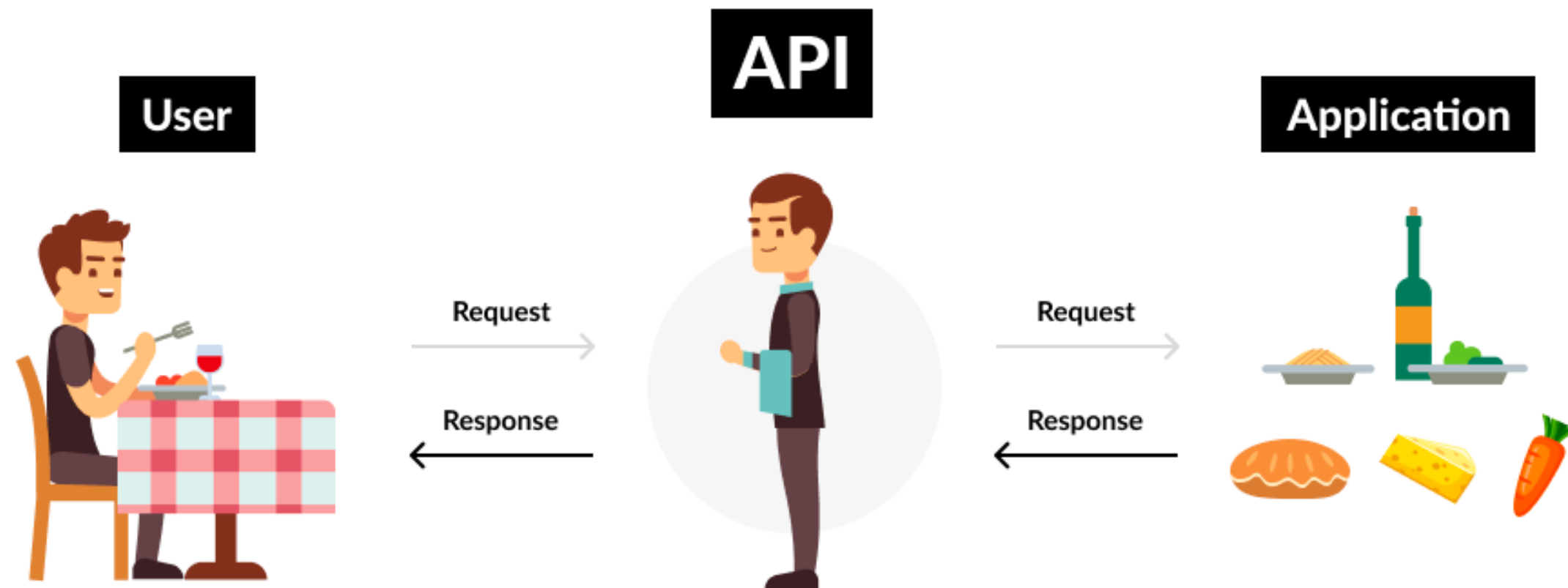


What is Full Stack Dev?

FullStack dev = Front-End Dev + Backend Dev

What is API?

API is Application Programming Interface, which is a software intermediary that allows two applications to talk to each other

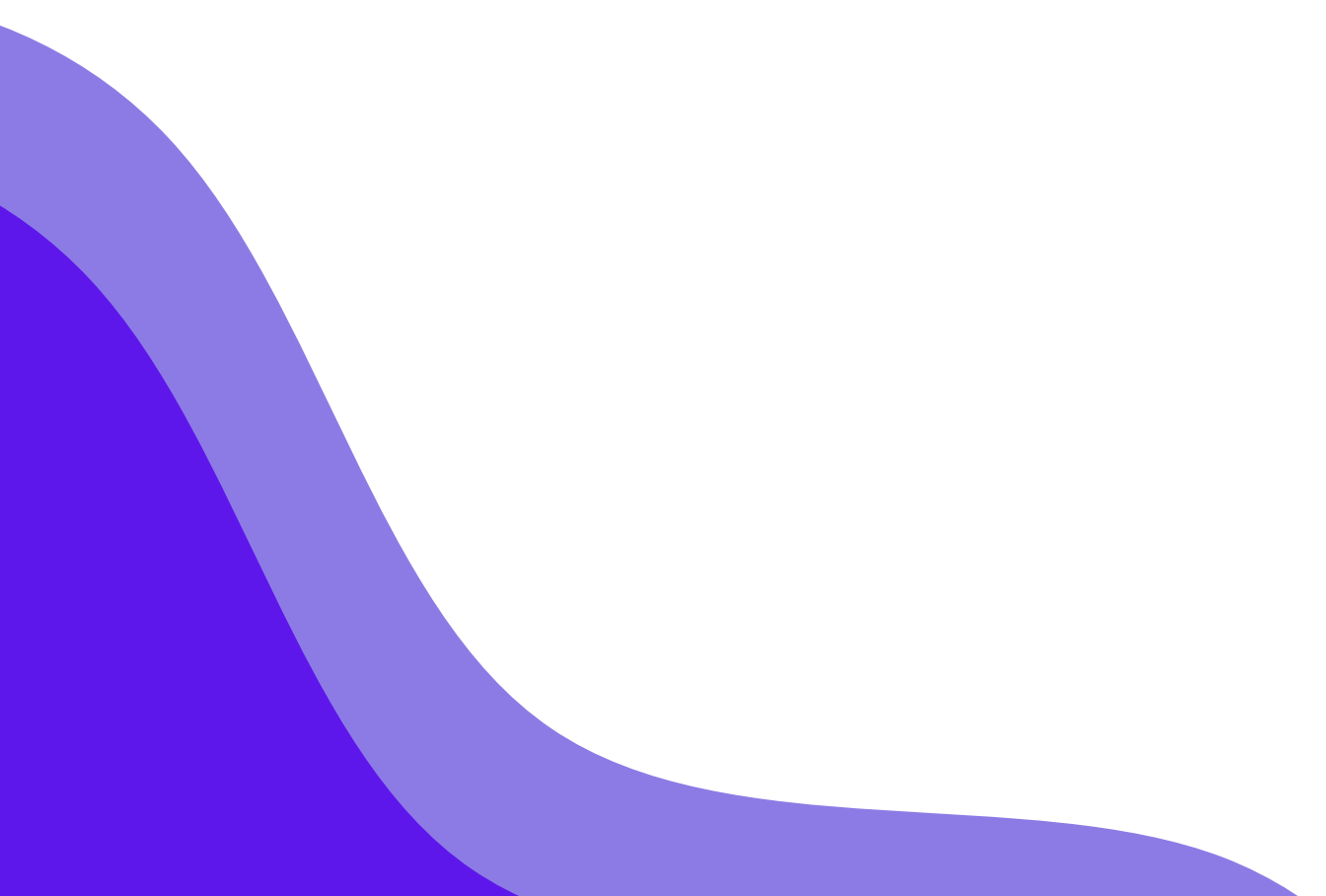


How website load?

1. #Step 1 - URL Gets Resolved.
2. #Step 2 - Request Is Sent.
3. #Step 3 - Response Is Parsed.
4. #Step 4 - Page Is Displayed

Web development languages

While there are many different programming languages, the most common ones used in web development are JavaScript, HTML, CSS, PHP, etc. JavaScript has a popularity of nearly 65% among developers worldwide, as per Statista



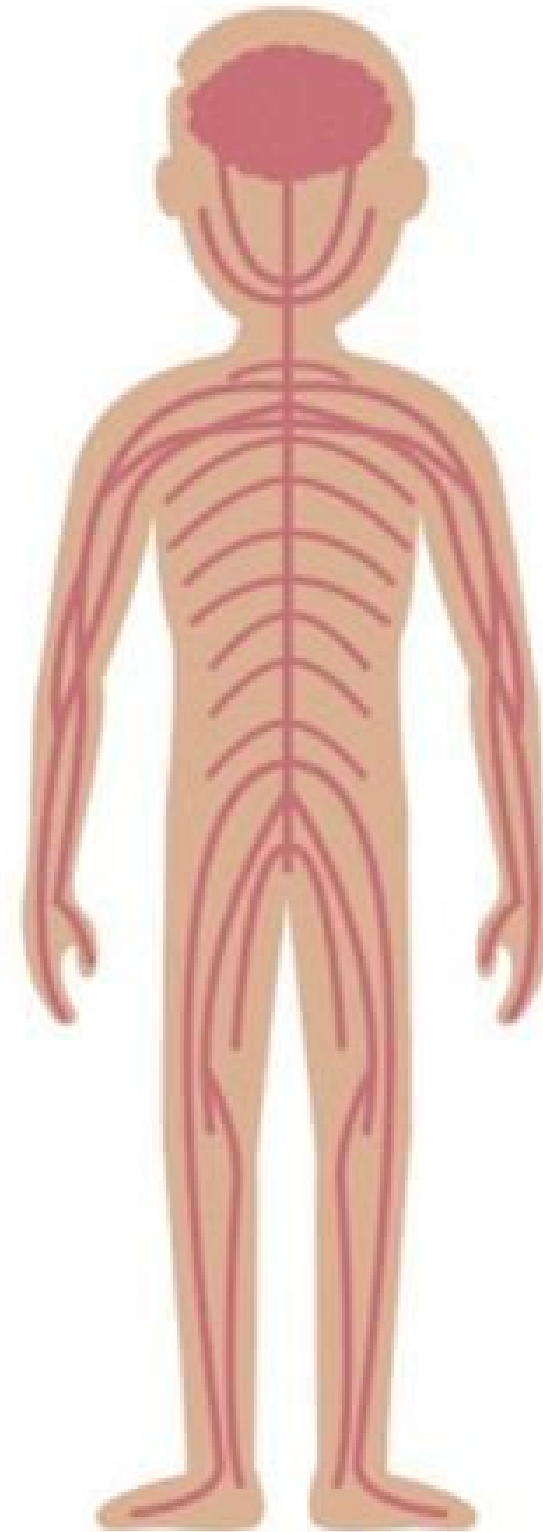
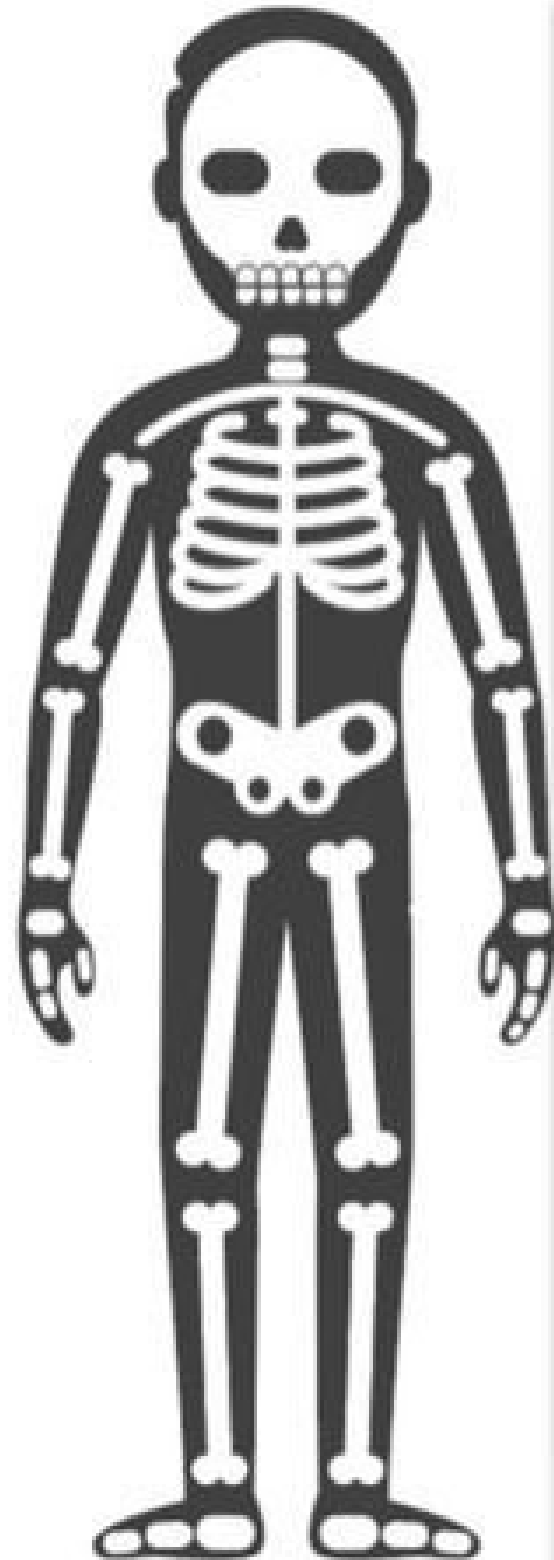
Three-layer of Web-Dev



HTML

JS

CSS



HTML, CSS, JS

the three main languages we use to build websites are HTML, CSS, and JavaScript

HTML: HyperText Markup Language

CSS: Cascading Style Sheets

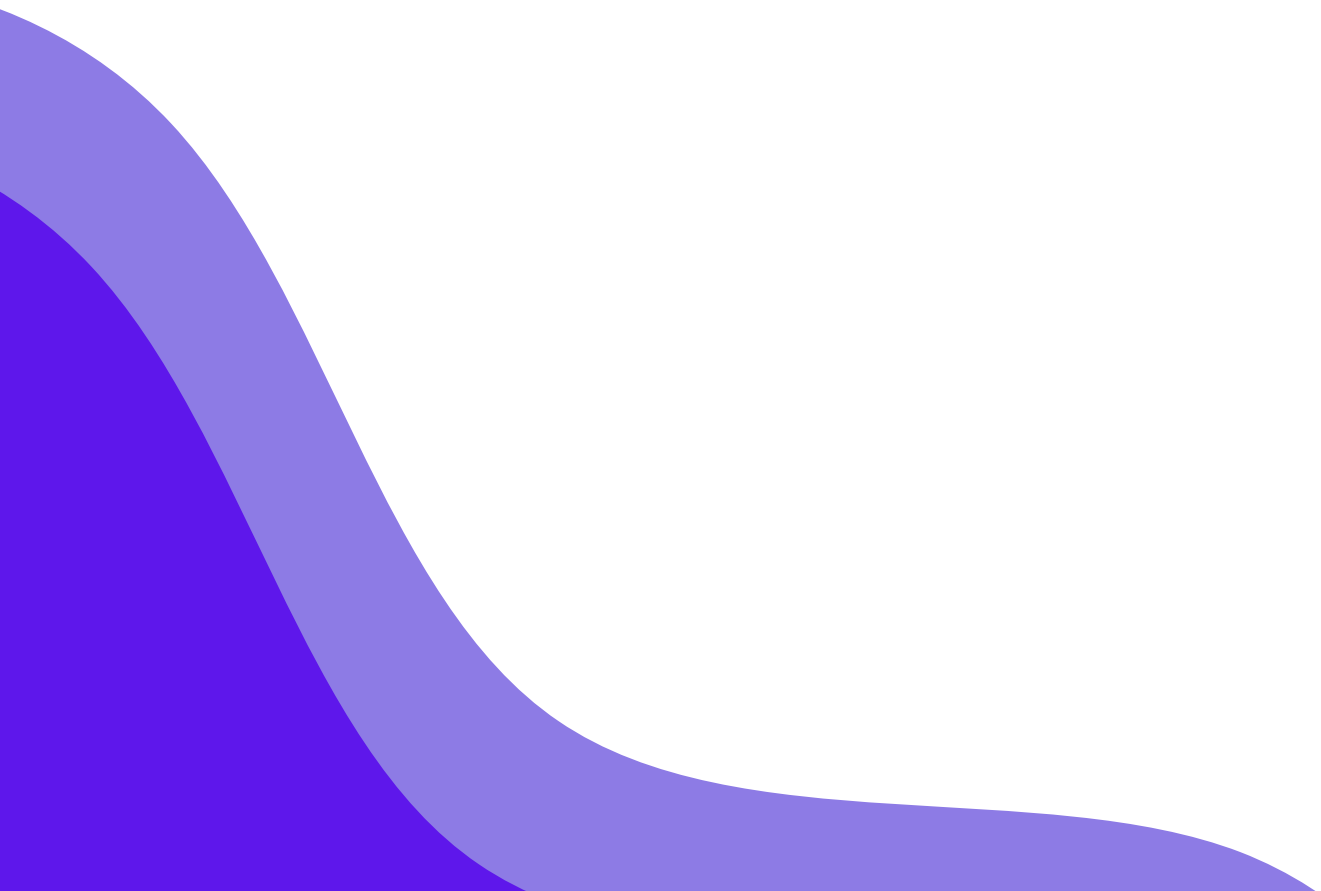
JS: JavaScript



Web-Design VS Web-Dev

A website is a collection of many web pages, and web pages are digital files that are written using HTML(HyperText Markup Language).

Example:



Practice:

Thank You!