

WEB DEVELOPMENT

Web development is the work involved in developing a website for the Internet or an intranet. Web development can range from developing a simple single static page of plain text to complex web applications, electronic businesses, and social network services

WEB DEVELOPER

- There are three types of developer in web development

1. Frontend Developer [what client seen i.e websites]
2. Backend Developer [how to program a server, how to websites shows]
3. Full Stack Developer [both frontend and backend Developer comes]

Requirements for web developer

1. Frontend Developer:

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

following web Tools are used In Frontend :

- 1.HTML(hyper text markup language) [using for building structures and block]
- 2.CSS (cascading styling sheets) [using for designing of block]
- 3.JS (javascript) [it enables to create dynamically updates,controls multimedia,basically it works logically]

web framework

- A web framework or web application framework is a software framework that is designed to support the development of web applications including web services, web resources, and web APIs. Web frameworks provide a standard way to build and deploy web applications on the World Wide Web.

Following are Frontends Frameworks :

1. React
2. Angular
3. Vue js
4. Backbone.js
5. Jquery
6. Solid
7. Bootstrap(css framework)
8. Qwik
9. Lit
10. Robot framework
11. Ember
12. Semantic-UI
13. Svelte
14. Foundation
15. Preact

2.Backend developer

Back-end development means working on server-side software, which focuses on everything you can't see on a website. Back-end developers ensure the website performs correctly, focusing on databases, back-end logic, application programming interface (APIs), architecture, and servers.

Following Programming Language used in:

1.java

2.javascript

3.python

4.PHP

5.Ruby

6. C#

7.Golang

Following are Backends Frameworks :

JAVA FRAMEWORK :

1.Spring Framework

2.Struts

3.Hibernate

4.Play

5.Grails

6.JavaServer Faces

7.Dropwizard

8.Vaadin

9.Wicket

10. Blade

11. ATG

12.Google Web Toolkit

JAVASCRIPT FRAMEWORK :

1. NEXT.JS
2. EXPRESS.JS
3. GATSBY
4. NODE.JS
5. METEOR
6. DENO

PYTHON FRAMEWORK :

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|---------------|---------------|--------------|
| 1. Django | 9. Tornado | 17. Growler |
| 2. CherryPy | 10. BlueBream | 18. Hug |
| 3. Pyramid | 11. Quixote | 19. MorePath |
| 4. Grok | 12. AIOHTTP | 20. Pycnic |
| 5. TurboGears | 13. CubicWeb | 21. Sanic |
| 6. Web2Py | 14. Dash | 22. Pylons |
| 7. Flask | 15. Falcon | 23. Tornado |
| 8. Bottle | 16. Giotto | |

PHP FRAMEWORK :

1. Laravel
2. Symfony
3. CodeIgniter
4. Zend Framework / Laminas Project
5. Yii (Framework)
6. CakePHP
7. Slim
8. Phalcon
9. FuelPHP
10. Fat-Free Framework
11. Flight
12. PHPixie