

Web development in literal sense means spider developing its web but in technical terms means developing web pages along with a complete working framework. Web development refers in general to the tasks associated with developing websites for hosting via intranet or internet. The web development process includes web design, web content development, client-side/server-side scripting and network security configuration, among other tasks. In a broader sense, web development encompasses all the actions, updates, and operations required to build, maintain and manage a website to ensure its performance, user experience, and speed are optimal. Web development is the coding or programming that enables website functionality, per the owner's requirements. It mainly deals with the non-design aspect of building websites, which includes coding and writing markup. Web development ranges from creating plain text pages to complex web-based applications, social network applications and electronic business applications. Web development is important as it can easily reach to customers and reach new audiences. Any working web system comprises of two components namely frontend and backend which is called full stack. Frontend refers to the display (web pages) that are visible to audience i.e. that are shown on the web browser. The part of a website that the user interacts with directly is termed the front end. It is also referred to as the 'client side' of the application. It includes everything that users experience directly: text colors and styles, images, graphs and tables, buttons, colors, and navigation menu. HTML, CSS, and JavaScript are the languages used for Front End development. The structure, design, behaviour, and content of everything seen on browser screens when websites, web applications, or mobile apps are opened up, is implemented by front End developers. Backend refers to the subsystem that is residing in the server and its task is to make overall system work. Backend is responsible for instructing frontend. Backend is the server-side of the website. It stores and arranges data, and also makes sure everything on the client-side of the website works fine. It is the part of the website that you cannot see and interact with. It is the portion of software that does not come in direct contact with the users. The parts and characteristics developed by backend designers are indirectly accessed by users through a front-end application. Activities, like writing APIs, creating libraries, and working with system components without user interfaces or even systems of scientific programming, are also included in the backend. With the development of numerous frameworks based on different programming languages, developing web applications has become significantly easier. That is one of the reasons for the high demand to hire backend developers and front-end developers. Python, JavaScript, PHP, Ruby, .NET, etc., are a few prominent backend languages. React, Vue, Ember, Bootstrap, and Angular are the most famous front-end frameworks. Django, Ruby On Rails, Spring, Express, ASP.NET Core. There are various frameworks like Django, Laravel, Express etc are used for development.