

Web Technology **refers to the various tools and techniques that are utilized in the process of communication between different types of devices over the internet.** A web browser is used to access web pages. Web browsers can be defined as programs that display text, data, pictures, animation, and video on the Internet.

The three core languages that make up the World Wide Web are **HTML, CSS, and JavaScript.**

HTML (the Hypertext Markup Language) and CSS (Cascading Style Sheets) are two of the core technologies for building Web pages. HTML provides the structure of the page, CSS the (visual and aural) layout, for a variety of devices

Web browsers work by connecting over the Internet via modem or ISDN via a server or ISP to remote machines, asking for a particular document (or page) and then formatting the documents they receive for viewing on a computer. To do this, web browsers use a special language called HTTP (HyperText Transfer Protocol).

Java is a commonly used language for web development, especially on the server-side. Java web applications are distributed applications that run on the internet. Web development with Java allows us to create dynamic web pages where users can interact with the interface.

HTML. HTML, or HyperText Markup Language is the visual appearance of a web site. You could say it is the language spoken by web browsers that makes it possible to see web contents in your web browser. All web browser understand HTML.

Cascading Style Sheet(CSS) is used to set the style in web pages that contain HTML elements.

There are three types of CSS which are given below:

- Inline CSS.

- Internal or Embedded CSS.
- External CSS.

The **HyperText Markup Language or HTML** is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript

These include extensions of Web standards, combination of different Web technologies, Web toolkits and development environments, current backend Web frameworks (e.g. Node & Express, Django, Ruby on Rails), and frontend Web frameworks (e.g. Angular, React, Vue.js, Ember.js, Meteor)

Listed Below Are the Top New Technology Trends, 2022.

- Robotic Process Automation (RPA)
- Edge Computing.
- Quantum Computing.
- Virtual Reality and Augmented Reality.
- Blockchain.
- Internet of Things (IoT)
- 5G.
- Cyber Security.

Cloud computing. Along with cybersecurity, cloud computing was found to be the top technical area in IT seeing the most demand by Global Knowledge [8]. A career in cloud technology generally includes some programming on cloud software platforms like Azure, AWS, or Google Cloud

Here are the three main types of web development:

- Front-end web development. Front-end web development is responsible for the look and feel of a website. ...
- Back-end web development. ...
- Full-stack web development. ...
- Web designer. ...
- Web programmer. ...
- Content developer. ...
- Webmaster.

A website (also written as a web site) is **a collection of web pages and related content that is identified by a common domain name and published on at least one web server**. Examples of notable websites are Google, Facebook, Amazon, and Wikipedia

Web-enabled Device means **any device used by the Subscriber to use and access the Service and Materials**, and includes (but without limitation) desktop computers, laptops, mobile telephones and tablets.

Python is often used to develop the back end of a website or application—the parts that a user doesn't see. Python's role in web development can include sending data to and from servers, processing data and communicating with databases, URL routing, and ensuring security