

Assignment

➤ Fundamental of IT:

1) Careers in Web Technologies and Job Roles

- Web developer, Software developer, Web designer, UI developer, Web designer, Web programmer, Webmaster are some of the types of roles in web development. Web developer is the person who is working with the Web and developing applications on the Web. His basic role is to create websites and applications.

2) Difference between Web Designer and Web Developer

- Web Designer: A web designer is role as to design a web page to use html,css,javascript,bootstrap,jquery as front-end developer.
- Web Developer: A web developer to design web page to use html,css,javascript,bootstrap,jquery and a web developer is work on as front-end side and back-end side back-end side use php,.net, python etc.. Language use.

3) What Is the Facebook Pixel

- The Facebook pixel is a piece of code that you place on your website. Collect data that help you track conversions from Facebook ads.

4) How the Website Works

- The browser asks a domain name server to translate the domain name you requested into an ip address. The browser then sends a request to that server for the page you want, Using a standard called Hypertext Transfer Protocol or Http.

5)Client and Server Scripting Languages

- Client- side scripting language involves languages such as HTML,CSS and JAVA SCRIPT. In contrast,programming languages such as PHP , Asp.net,Ruby,python.
- Server-side scripting language is useful in coustmizing the webpages and implement the dynamic changes in the websites.

6)Domains and Hosting

- The main difference between domain and hosting is that domain is the address, which allows a visitor to easily find your website online, while hosting is where the website files are stored.in order to have a functioning website, you need both-a domain and hosting space.

7)Types of Websites (Static and Dynamic Websites)

- Static website: Prebuilt content is same every time the page is loaded. Is use the HTML code for developing a website.
- Dynamic website: Content is generate quickly and changes.it use the server side languages such as PHP,ASP.NET for developing a website.

8)Web Standards and W3C recommendations

- The World Wide Web Consortium (W3C) develops international Web standards: HTML, CSS , and many more. W3C's Web standards are called W3C Recommendations . All W3C standards are reviewed for accessibility support by the Accessible Platform Architectures (APA) Working Group.

9) Responsive Web Designing

- Responsive Web design is the approach that suggests that design and development should respond to the user's behaviour and environment based on screen size, platform and orientation.

10) **Protocol**

- The site protocol, also known as the data transfer protocol, is a kind of set of rules that describe the sequence, features of interaction between two or more devices connected to the same network and carrying out communication.

11) **Basics of SEO**

- SEO stands for “search engine optimization.” In simple terms, it means the process of improving your site to increase its visibility when people search for products or services related to your business in Google, Bing, and other search engines.