

GOMYCODE

CHECKPOINT:1

WEB DEVELOPMENT

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HOW DOES THE WEB WORK:

The World Wide Web operates through a client-server model, where users access webpages via browsers. URLs are translated to IP addresses via DNS. Clients send HTTP requests to servers, which respond with HTTP responses containing the requested content. Webpages are built using HTML, styled with CSS, and made interactive with JavaScript. Hyperlinks enable navigation between pages. HTTP is stateless, and web standards ensure compatibility across platforms. In essence, the web facilitates information exchange between users and servers, offering access to diverse digital content.

- ***What do you need to be a web developer?***

Becoming a web developer requires a mix of technical expertise, education, and hands-on experience. This encompasses mastery of languages like HTML, CSS, and JavaScript, along with proficiency in backend development and familiarity with relevant frameworks. Soft skills such as problem-solving, communication, and teamwork are equally vital. Building a diverse portfolio and networking within the industry are valuable steps towards success. Continuous learning and staying abreast of industry advancements are essential for thriving in this ever-evolving field.

why i chose to learn web development

By learning web development, I explore various career opportunities, from designing websites to coding behind-the-scenes functionalities. It sparks my creativity and encourages practical problem-solving. With the option to work remotely and create my own projects, web development empowers me to shape useful digital solutions. By contributing to the creation of innovative websites and applications, I play a role in advancing our society in the digital realm.