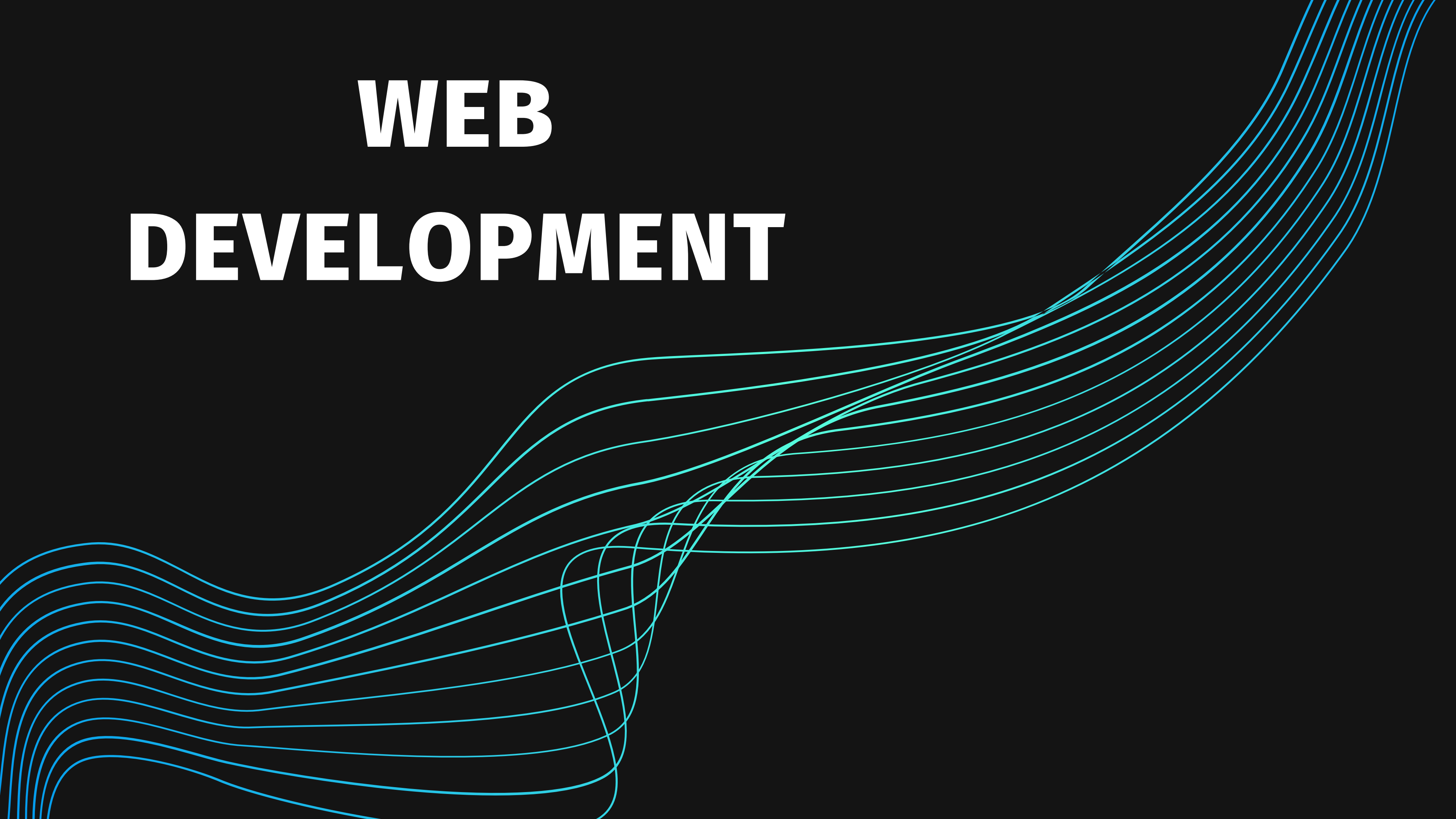


WEB DEVELOPMENT



Introduction to the Web

THE WEB IS A VAST NETWORK OF INTERCONNECTED COMPUTERS AND SERVERS THAT COMMUNICATE WITH EACH OTHER USING A COMMON LANGUAGE CALLED HTTP (HYPERTEXT TRANSFER PROTOCOL). THIS PROTOCOL ALLOWS USERS TO ACCESS AND SHARE INFORMATION ACROSS THE INTERNET. WHEN YOU TYPE A WEBSITE ADDRESS INTO YOUR BROWSER, IT SENDS A REQUEST TO THE SERVER HOSTING THAT WEBSITE. THE SERVER THEN RESPONDS WITH THE NECESSARY FILES AND DATA TO DISPLAY THE WEBSITE ON YOUR SCREEN.



**what do you need to be a
web developer?**

learning programming languages

PROGRAMMING LANGUAGES ARE THE BACKBONE OF WEB DEVELOPMENT. TO BECOME A WEB DEVELOPER, YOU NEED TO BE PROFICIENT IN AT LEAST ONE PROGRAMMING LANGUAGE SUCH AS PYTHON, RUBY, OR PHP. IN ADDITION TO PROGRAMMING LANGUAGES, YOU ALSO NEED TO LEARN FRAMEWORKS AND LIBRARIES THAT CAN SIMPLIFY THE DEVELOPMENT PROCESS. FOR EXAMPLE, REACT AND ANGULAR ARE POPULAR JAVASCRIPT FRAMEWORKS THAT CAN HELP YOU BUILD COMPLEX WEB APPLICATIONS QUICKLY.



**why did you choose to
learn web development ?**

flexibility and versatility

ONE OF THE MAIN REASONS WHY I CHOSE TO LEARN WEB DEVELOPMENT IS BECAUSE OF ITS FLEXIBILITY AND VERSATILITY. WITH WEB DEVELOPMENT SKILLS, I CAN WORK ON A WIDE RANGE OF PROJECTS, FROM BUILDING WEBSITES AND WEB APPLICATIONS TO CREATING MOBILE APPS AND EVEN DESKTOP SOFTWARE. IN ADDITION, WEB DEVELOPMENT IS A CONSTANTLY EVOLVING FIELD, WITH NEW TECHNOLOGIES AND FRAMEWORKS EMERGING ALL THE TIME. THIS MEANS THAT THERE IS ALWAYS SOMETHING NEW TO LEARN AND EXPLORE, WHICH KEEPS THINGS INTERESTING AND CHALLENGING.



career opportunities

ANOTHER REASON WHY I CHOSE TO LEARN WEB DEVELOPMENT IS BECAUSE OF THE MANY CAREER OPPORTUNITIES IT OFFERS. WITH THE INCREASING DEMAND FOR DIGITAL SERVICES, WEB DEVELOPERS ARE IN HIGH DEMAND ACROSS A VARIETY OF INDUSTRIES, FROM TECH STARTUPS TO LARGE CORPORATIONS. IN ADDITION, WEB DEVELOPMENT SKILLS ARE HIGHLY TRANSFERABLE, MEANING THAT I CAN WORK REMOTELY OR FREELANCE IF I CHOOSE TO DO SO. THIS GIVES ME THE FREEDOM TO WORK ON MY OWN TERMS AND PURSUE PROJECTS THAT ALIGN WITH MY INTERESTS AND VALUES.

