



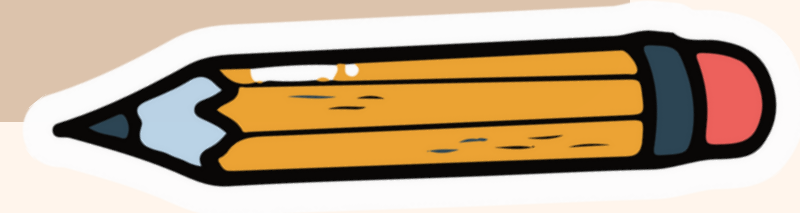
Pursuing Career As A Web Developer

HASNAIN - 19SW67

INTRODUCTION



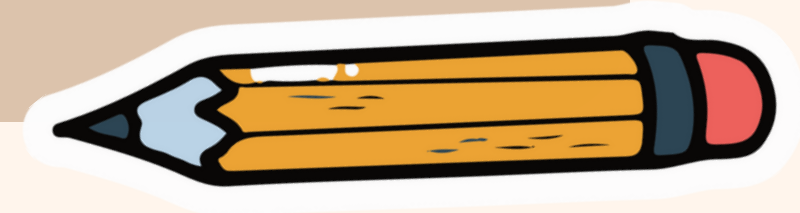
My name is hasnain and I am studying in Mehran UET .
I am enrolled in Software Engineering Department .
As a student of Software engineering I have persued my
career as a web developer.



OVERVIEW OF FIELD



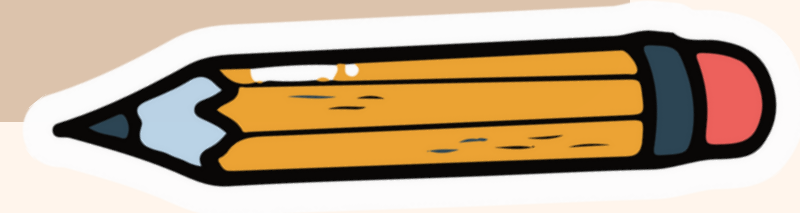
Web development refers to the creation of websites and web applications using programming languages such as HTML, CSS, and JavaScript. It involves designing, developing, and maintaining websites, as well as ensuring their functionality, usability, and accessibility. Web development also includes tasks such as server-side scripting, database management, and web security.



How did I get there?



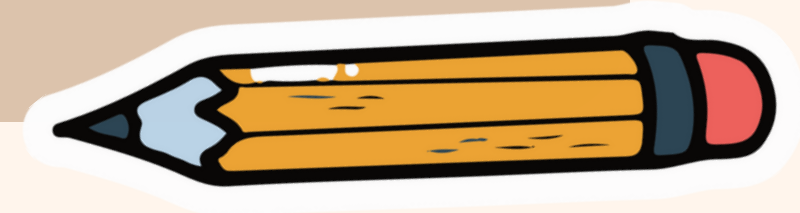
Followings are the reasons why I have been motivated to start web development. I was drawn to the creative aspect of designing and building websites, and have been interested in the technical challenges involved in coding and programming. I also recognized the high demand for web developers in today's job market, and saw it as an opportunity to build a rewarding career.



What did fascinate me?



One of the main reasons of my fascination with the creative aspect of designing and building websites. The process of taking an idea and turning it into a functional website requires both skill and technical expertise, and I found it easy to do so.

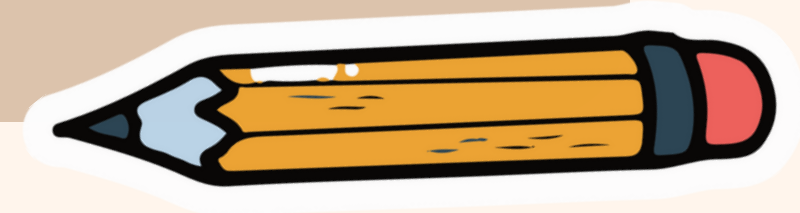


Current Achievements




I have completed the basics of web development. And started studying frontend frameworks for web i.e. React Js, Tailwind CSS and Bootstrap for designing.

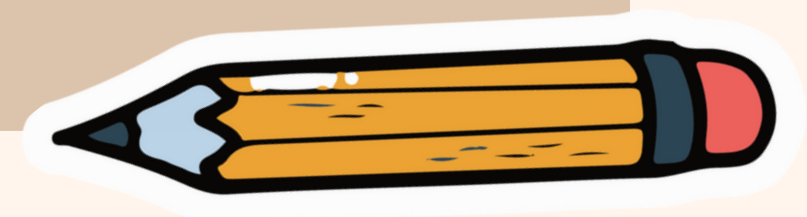
I have also completed a virtual course from Coursera related to fundamentals of web development.



Why did I choose web?



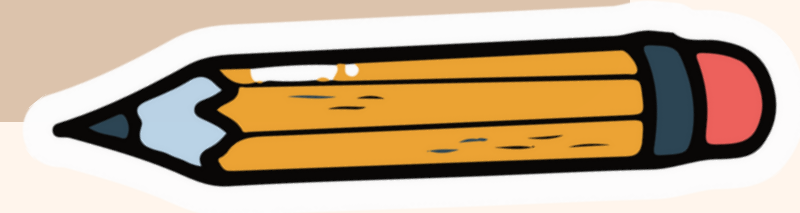
I have chosen this field because of its great interfaces and remarkable functionalities. and Its huge job market. I felt like it has been made for me, it is so easy and decent to apply my creativity and logics.



Pathway

I did the following things:

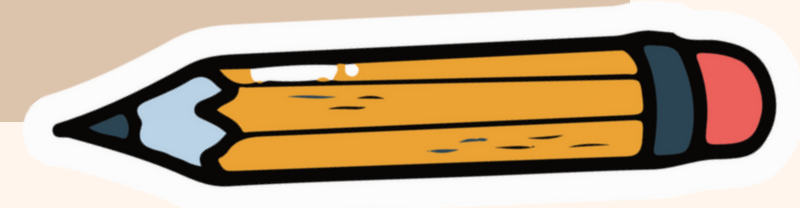
- Researched about web development
- Started learning HTML, CSS and JavaScript
- Then gone for JavaScript libraries like React JS
- Continuing working on it with different plugins and libraries



Guidance to others



To guide others in learning web development, I'll first introduce them to the basics of HTML, CSS, and JavaScript. Encourage them to build small projects and practice regularly. Emphasize the importance of staying up to date with the latest technologies and trends in the field. Encourage them to seek out a supportive community, whether online or in person, for feedback and collaboration. Finally, remind them that learning web development is an ongoing process, and to stay persistent in their efforts.



Pros and Cons of web development


Pros

- High demand
- Freelance/Remote work
- Creative freedom
- Constant Innovation
- Large community

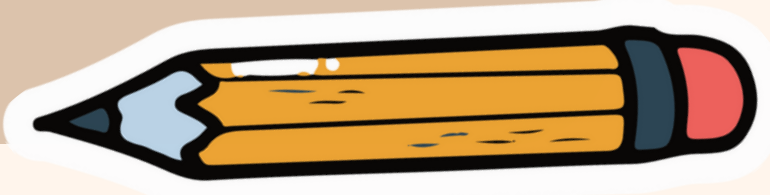
Cons

- Challenging to keep up-to-date
- Consistency challenges
- High Competition
- Health risks because of staying too long on computer
- Security & Performance concerns

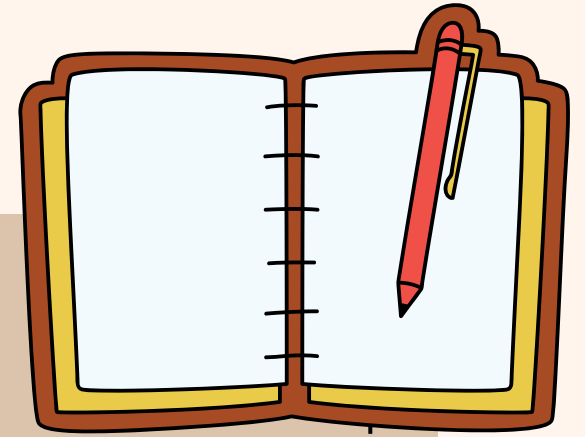
Web Future Trends



The future of the web is expected to include continued growth in mobile usage, with an emphasis on responsive design and mobile-first development. Voice search and virtual assistants will become more prevalent, requiring websites to optimize for natural language processing. AI and machine learning will be integrated into web development for enhanced personalization and user experiences. Web accessibility will become more critical, with a focus on designing for users with disabilities. Finally, blockchain technology may play a more significant role in web development for increased security and decentralized systems.



Conclusion



That's all from me.

Thank you - 19SW67

