12 Leading Web Development Trends in 2021

With the emergence of new technologies, the field of web development has progressed thus leading to the development of dynamic websites and web app solutions. In the year 2021 and beyond, web development will witness many possibilities and this will form new trends in this arena. Web developers will work on such new technologies and use new techniques to explore new possibilities in the web development space.

Today, small businesses face a tough time finding space for themselves in the market and so they follow the latest trending technologies to enjoy a competitive edge in the market. Choosing the right web development company can help small businesses develop updated web solutions that will help them stay ahead of the market with ease.

Top web development trends in 2021 and beyond. They are:

- AI and Bots Will Become More Advanced
  Chatbots powered by AI has been seen as a part of web development trends in the last year and it will share the spotlight this year too. AI and chatbots will enter a more advanced level in 2021. We will see the development of voice assistants and conversational interfaces in the coming year. To help the users have an enhanced and smoother experience, such technology-driven solutions will play a great role.

- Progressive Web Apps (PWAs)

  A progressive web app is built to offer an app-like experience by making use of the latest web capabilities. Keeping in mind the mobile web users, progressive web apps are considered to be the next big trend that we will witness in 2021 and beyond. PWAs bring to you the best of mobile and web apps together in a package. To keep it simple, you can think of PWAs as a website that works more like a mobile app. Some of the good things about progressive web apps are that they are safe, responsive, re-engageable, linkable, independent of any connectivity, and offer a web experience more like an app.

- Single Page Applications (SPAs)

  Single Page Applications (SPAs) are actually web apps that load as a single page. Here content for the pages is loaded dynamically. The user here has a smooth and uninterrupted experience when using SPAs.

- Chatbots

  Chatbots are actually a software program that has been built to process and simulate human conversations. The program has been developed to help users interact with apps, devices, and websites as needed. Chatbots can be developed based on business needs. You can have a simple chatbot developed to answer a simple question or have a complex one developed to offer personalized answers to user queries.

- WebAssembly (Wasm)

  WebAssembly is a portable binary instruction format that has been developed by World Wide Web Consortium (W3C). WebAssembly is used for the compilation of high-level language and for building web applications with high-performance. The main reason why developers prefer Wasm is because you can have the code compiled into bytecode and that can be done in any programming language.

- Motion UIMotion Design UI is another trend that you will watch in 2021 and beyond. Motion UI is used for developing websites with enhanced animation. Even though it is in its early stage, you will see enhanced growth in this area by 2021. Web developers will no longer have to work on JavaScript and jQuery to animate the content on the website. Web developers will be able to develop websites that focus on minimalist design with enhanced interactions that will deliver maximum satisfaction to the customers.

- 3D Elements

  Customer is the king irrespective of the business you are in! When it comes to business websites, 3D visuals play a crucial role in attracting customers and keeping them engaged on the site for a long time. For some startups opting for Virtual Reality can be an expensive choice and so they can achieve hyper-realistic experiences for customers by opting for 3D visuals. Apart from delivering excellent visuals, it helps the customers witness something more where there is no much difference between reality and digital space. By choosing the right web development services, startups will be able to implement the best 3D elements into their websites.