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Website technologies that employers are hiring for in 2024 and beyond

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Websites are among the most important aspects of almost any business today. The speed, security, UI, and responsiveness of a website play a vital role in how it will perform and deliver results for the business.

Hence, the employers of organizations that deal with website development always look for the latest website technologies to ensure the best output for their clients, and to stay ahead of their competitors.

These technologies include the frontend and backend languages, database management systems, and CMS technologies.

Here, we are going to see which of these technologies employers are most likely to hire for in 2024 and beyond.



Frontend Technologies:

[React JS](#): Well-known for its speed and reliability, React JS is a single-page application that's used by many large websites worldwide. Compared to traditional HTML and vanilla JavaScript, it has several features such as the use of props, mapping, hooks, and many more. It gives an awesome coding experience as well as better performance for large-sized websites such as e-commerce websites and CRMs.

[Angular JS](#): This is another single-page application that excels in the creation of web-based applications. It works easily on par with the MVC framework, which is one of the most common frameworks used for backend management. Its features like code-reusability help in building large frontend designs in a very short time. This makes Angular JS one of the most demanding technologies by employers today.



[Tailwind CSS](#): It is a free CSS framework that not only has a large number of in-built CSS classes but also allows the use of custom CSS. An employee well-versed with Tailwind CSS can create awesome user interfaces in less time when compared to the use of normal CSS styles or libraries like Bootstrap- which could lead to increased productivity. Tailwind CSS leads employers to look for employees verse in this framework to stay ahead in the competition.

[Typescript](#): Compared to JavaScript, Typescript has a much more detailed structure, which comes with many benefits such as more security, easy identification of errors, and adaptability to a large number of production environments. Website-development-based organizations are looking for greater usage of Typescript when working with frameworks such as React and Angular.

Backend Technologies:

[Laravel](#): Laravel is a PHP-based framework that is widely used for making websites. It follows the MVC architecture that helps in creating frontend as well as the backend in a



single space. The recent versions of PHP are designed in a way that makes it adaptable to multiple database structures.

Its well-structured framework enables easy API creation and integration, creation of CRUD functions, and application of middleware. Other than this, its Bcrypt Hashing algorithm makes it more secure, as no password is stored anywhere in the program. This makes it one of the most preferred frameworks for employers who work with PHP language.

[Node JS:](#) Because of its high performance, huge community support and scalability, Node JS has been a popular choice among employers. Node JS, along with the Express JS framework, is used to create the complete backend structure for basic informative websites to high-level websites, web-based applications, and SAAS websites.

Also, it can be customized to fit any requirement from the client's end. This is why Node JS continues to be a choice for a large number of employers globally, which is expected to increase over time.

[.NET Core:](#) With its ability to operate in multiple operating systems, ASP.NET Core comes as one of the most versatile backend frameworks that runs smoothly with all the major frontend frameworks that are being used today- such as React JS and Angular JS. It is a very lightweight framework that provides great backend speed.

Though knowledge of .NET core requires an ideal employee to have prior knowledge of C#, it is completely worth it, as .NET core is one of the most in-demand, and pretty high-paying backend frameworks today which is expected to remain the same in the years to



come.

[Django](#): The Django framework brings an awesome career scope for programmers interested in Python. It is a choice of many employers owing to its scalability, SEO-friendliness, and low maintenance costs. Just like .NET Core, Django also works with multiple operating systems.

To add a cherry on top of the cake, Django offers a fully functional Object-relational mapper (ORM), making it compatible with a good number of database management systems.

Database Technologies:

[MySQL](#): When it comes to SQL databases, MySQL is one of the most preferred choices of employers going by its easy-to-operate structure that fits well with languages like PHP and NodeJS. It is backed by a server cluster which enables high performance speed even there is a huge amount of data.

MySQL has remained one of the most popular databases that is used with PHP



frameworks like Laravel.

[MongoDB](#): The document model used in MongoDB is designed in a way that all the information can be embedded in a single document. This leads to increased performance speed. It is often used with frameworks like NodeJS and ReactJS to create complete website projects in a very short period. These projects provide really good performance speed.

Also, they involve very little set-up cost. Mongo DB works with many other platforms. This is why many employers look for people who are well-versed with MongoDB.

CMS technologies:

[Shopify](#): Shopify CMS is one of the most preferred choices of e-commerce business holders because of its features, speed, security, and SEO friendliness. Shopify also excels at helping first time businesses set up an e-commerce store online with minimal learning curve.

With time, more and more businesses are opting for Shopify. This makes Shopify one of



the most preferred CMS technologies for employers.

Drupal: Drupal is an open-source CMS framework that is pretty robust and flexible. It is used to make websites of different types- be it an informative website, a blog/e-magazine, a personal website, an e-commerce website, or an internal portal.

The websites can be made easily within a limited time frame, making it a good choice for many clients. Drupal is also known for its robust security features, making it a popular choice for enterprise-level sites that require stringent security measures.

WordPress: WordPress powers over **40% of all websites on the internet and powers a significant number of e-commerce sites**, indicating a strong demand for expertise in this platform. WordPress is constantly evolving, improving functionality and user experience.

This ongoing development makes it attractive for businesses wanting to remain competitive, leading to greater demand for developers familiar with new features.

WordPress offers extensive customization options, allowing developers to create tailored websites to meet specific business needs. This flexibility is essential for companies looking to stand out in a crowded market.

The active WordPress community provides resources, plugins, and themes, making it easier for developers to find solutions and stay updated. This adaptability is attractive to employers.



Many companies continue to use WordPress, ensuring sustained demand for designers and developers well into the future.

[Webflow](#): Webflow allows users to create, manage, and publish dynamic content on their websites. It combines website building and hosting capabilities with a robust CMS, enabling users to define and design their content structure visually without needing to write code.

Webflow's CMS features include the ability to create Collections, which are essentially databases for different types of content, such as blog posts or team member profiles. Each Collection can have a shared structure, making it easy to manage and display content dynamically across the site.

This flexibility allows marketing teams to collaborate effectively and update content directly on the live site. Additionally, Webflow is a cloud-based CMS, meaning it is hosted online and automatically updated, which reduces the need for manual maintenance.

This makes it particularly appealing for modern enterprises looking for a scalable solution to manage their web content.

Summary:

The website technologies mentioned above are indeed in demand in 2024 because of their advantages over most other technologies and are expected to remain in demand and employers are most likely to hire for these skills for many years to come.



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