

Top 3 Technology Trends in 2022 and Beyond

Rapid technological advancements always leave us asking what is going to be the next big “thing” in the IT world. This is especially true now, since the entire world was shaken up in early 2020 by the COVID-19 pandemic, which further accelerated the rate of these advancements, because the world needed to adapt to social distancing. This left a lot of people with no choice, but to work from home, thus relying heavily on technology. What is more, the governments were scouting for ways to minimize contacts between people with the help of robotics, as well as keep track of who has been in contact with the infected, in order to minimize the spread of the virus. Keeping the global pandemic context in mind, when observing the recent [trends in technology](#) and analyzing the progression of trends in the past few years, we can predict top 3 technology trends that could follow in 2022 and beyond. These trends include:

- [Cloud Technology](#),
- [Artificial Intelligence \(AI\)](#),
- [Blockchain](#).

1. Cloud Technology

[Cloud Technology](#) has been a hot topic in the IT industry for quite some time due to its growing potential. Long gone are the days when we had to download every piece of data which would take up a lot of memory on our hard drives, thus forcing us to choose what can stay and what needs to be deleted. The appeal of Cloud Technology is also the fact that everything can be accessed “on-demand”, which matches our fast-paced lifestyles. According to [a study conducted by Spiceworks Ziff Davis](#), which surveyed over 1.000 IT experts, the investment in companies has continued to shift from hardware to cloud technologies. The prediction is that this trend will continue through 2022.

2. Artificial Intelligence

Artificial Intelligence (AI) is another impactful technology that has proved to be useful for a wide variety of fields, such as:

- [marketing](#),

- healthcare,
- automotive industry,
- translation, etc.

Many businesses have observed the [benefits of utilizing AI](#) for marketing purposes, as this technology can help them with customer service (in the form of [Chatbots](#)), and catering to customers by [personalizing](#) the content that is displayed for them based on their individual interests. This use of AI is particularly relevant now in the times of the pandemic, as [online shopping is at an all-time high](#).

Furthermore, the use of AI has received a boost in terms of healthcare, since this technology is now being used by the medical staff to predict how much oxygen a patient needs. The global pandemic has also incited the implementation of robotics for the purpose of delivery service. IT engineers are constantly working on improving the accuracy of AI, as it is more in-demand than ever. The most likely scenario is that this trend will continue to expand throughout the next year and beyond.

3. Blockchain

[Blockchain](#) is another growing tech trend that is likely to continue to improve and have a great impact in the future. While it is widely known for enabling the existence of cryptocurrency, the main idea of Blockchain is to allow people to trade without the implication of a “middle-man”, such as a store (a physical or an online one). Its advantage lies in the fact that user and transaction data can only be added and not deleted. The data is stored on multiple computers in the forms of chains of blocks, each having its own digital fingerprint called a hash, which makes it almost impossible to be tempered with. When it comes to the future, one of the hopes is that this technology can be used to facilitate international monetary transactions, making them quicker and cheaper.

Conclusion

While these predictions of near-future [tech trends](#) were based on studies and observations, truth be told, we never know what the future might hold. Who knows... Some tech enthusiasts could be working on a secret project that will revolutionize the whole IT industry.

Nevertheless, the most likely scenario is that some of the trends that we have seen in the recent years will continue to grow in popularity, as these technologies continue to advance.