



What is Augmented Reality(AR) and how is it different from Virtual Reality(VR)?

Technology is advancing every day, and with the new trends coming up, we are seeing advancement to a new reality. Telephones developed into cell phones than smartwatches, and now we are introduced to the metaverse.

Today, we will talk about the new introduction of Augmented reality and how it is different from virtual reality. This idea was introduced by Mark Zuckerberg when he recently changed Facebook's name to Meta and thus introduced the metaverse.

What is Augmented Reality?

Recently Facebook changed its name to Meta and intends to create the metaverse. This will include features like facial referent recognition, understanding gestures, and different objects. With the [Top AR App Development Companies](#), the metaverse will also include maps and data with a background to give you the context.



It also comprises elements of superimposed graphics, which are based on sensors, gyroscope, and a collection of GPS information. All this information is thus achieved by the HMD camera, which is connected to the smartphone. The idea of [AR App Development Company](#) is to provide 3D modulation into real life. This includes many such industries like e-commerce and healthcare.

What is the difference between AR and VR?

We have all seen the craze of virtual reality in the gaming arena. It has been giving gamers a platform to connect to their world just by smartphones. While the graphics of the reality is extreme, the picture is still in 2D. And that is the key difference between [augmented reality](#) and virtual reality. But that is the gist of it, here is an explanation with a little detail.

Augmented Reality

Mark Zuckerberg started from Facebook, and now with the change in name, a lot of promises have been made. The introduction of Metaverse has opened a lot of doors to the world on the other side of the phone. [Top AR App Development Companies](#) use 3D modulation, which represents a heightened form of the real world. It terms with specific information of the objects using computer-generated images. Therefore, it is an amalgamation of text, image, objects, and motion in a 3-dimensional program.

Virtual Reality

When it comes to virtual reality, the scenario is a little different. Instead of creating a real-world image, the process works on stimulation. It shows us the animated pictures of computers and creates an artificial world. In such cases, the user or the gamers can go to a place they cannot go to in real life, like Antarctica or the top of Mount Everest. In gaming, the players get to experience the concept of virtual reality through VR glasses.

Conclusion

Therefore, to sum up, with changing times, virtual reality had its time when the trend came along. Now thanks to Facebook and its organisation, merging the two realities does not seem a long way to go. With [AR App Development Companies](#) working to improve the modulations of the 3D bringing and thus bringing it to reality.