

IS TECHNOLOGY HEADED IN THE RIGHT DIRECTION?



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Our lives have been so profoundly altered by IT that we find it impossible to envisage life without it. With ongoing new ideas and advancements, IT has undergone a significant amount of change over the past several years and doesn't appear to be slowing down any time soon. With new ideas emerging and being implemented by brilliant minds every day, IT can only go up.

We now have access to countless tools and resources thanks to technology, which puts any information at our fingertips. Today, the internet is actively used by about 4.33 billion people. That's a staggering 56% of the world's population, with India coming in second. And from here, it's all uphill.

But is technology headed in the right direction?

Over the years, technology has tapped into various areas of life such as Lifestyle, Health, Privacy, Business and even Human Behavior. From working remotely to ordering food delivery or booking a hotel room online, most people now rely on the Internet as an irreplaceable part of their lives. Advancements in technology have

completely re-shaped the everyday routine of a Modern Human. With the increase in rates of cybercrimes, which by the way is also a recent tech innovation, such advancements as cryptography and antivirus software strike a blow, saving users' privacy online. It is indisputable that thanks to technology, we get a chance to live a life our predecessors could not even dream of. But do all tech advancements bring sole good to our lives? Or, maybe, the impact of tech innovations is quite ambiguous.

Web 3.0

It's the era of Web 3.0. It is an idea for a new iteration of the World Wide Web which incorporates concepts such as decentralizations, blockchain technologies, and token-based economics. More so than with fiat money, Web 3.0 also functions fundamentally with cryptocurrencies. The use of cryptocurrencies, which are all constructed and enabled on top of blockchain technology, enables finance and the use of a decentralised form of payment throughout Web 3.0.

The journey from the first web, Web 1.0, to Web 2.0 took us more than ten years, and it is anticipated that Web 3.0's complete implementation and reshaping of the web will take just as long, if not longer.

In an increasingly digitised world, the new internet generated by Web 3.0 will offer more digital ownership and sovereignty in addition to other decentralised advantages that are believed to contribute to the creation of a more egalitarian web. As difficult as it is to imagine, given how integrated smart devices are into our daily lives and how

much it has altered our behavioural patterns, Web 3.0 will unavoidably usher in a period when the internet will become exponentially more integrated into our daily lives, frequently without our knowledge.

With technology evolving daily and needs for such technology rising in tandem with those demands, IT has a bright future ahead of it. This calls for enhanced personnel training and, most critically, strict adherence to security and safety measures. For an organisation in the IT sector to succeed and become the next Facebook, if not surpass it, protocols would be necessary.

Though improvements in technology are frequently viewed as positive developments, some people have an unfavourable opinion of them. Overusing digital apps and smart gadgets, as well as relying too heavily on internet resources, can occasionally have tragic results. However, if technology advancements are employed responsibly, they only benefit society.

Clearly, technology by itself is neither good nor bad. It is only the way and extent to which we use it that matters.

References: <https://www.forbes.com/sites/andrealoubier/2021/06/01/is-society-moving-in-the-right-direction-with-technology-rapidly-taking-over-the-world/?sh=71fc45e47c09>

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