Latest technologies influencing the growth of the IT industry

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Abstract:

Technology is mainly characterized by being changed rapidly. In other words, it is recognized as the ever- changing playing field. Those who aim to stay in the technology field need to quickly get adapted to such constant changes in this field. Due to the high pace of information technology advances, it is required to identify and implement appropriate technologies by which the organizations can effectively stay and compete in the business through the accurate and real-time efficiency delivered by such technologies as cloud computing, internet of things (IoT), artificial intelligence, blockchain, big data analytics, virtual and augmented reality, 5g network, and, etc. These trends are critically important because turning and adapting to the latest trends in information technology and systems are largely contributing to meeting the consumers' technology-enabled demands. In this paper, the most widely used trends in information systems and technology will be discussed.

Keywords:

Information system, cloud computing, Internet of Things (IoT), Artificial Intelligence (AI), blockchain technology, virtual reality