

## Attention and achievements in the IT industry today

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**Annotation:** Today, the development of the entire state is directly related to the development of the IT sector, so many countries around the world focus primarily on creating favorable conditions for improving the entire IT ecosystem

**Keywords:** development, opportunity, attention, conditions, information technology, IT, research, computer.

To mark the 30th anniversary of Uzbekistan's independence, a look at the past period in all sectors will be evaluated and the next plans will be identified. In recent years, the development of information technology and communication has influenced many areas of life. The penetration of digitalization in all sectors, the development of high-picture development, plays a major role in the development of the entire industry, especially for the long term. It should be noted that in the experience of countries of the world, much attention is paid to scientific research, IT technologies, startup ideas, computer literacy. Only through science gains and new technologies can high economic growth be achieved. In the last century, global discoveries have been made in many ways on the basis of man's intellectual capacity, while science is being developed today using the modern ACT. Uzbekistan, which today ranks among the developing world, is making great strides in all sectors, which is the basis for the dynamic development of information technology and telecommunications systems.

The improvement of the IT sector has also contributed to our country's entry. Since the IT industry is integral to other areas, much attention is paid to the development of it on the side of our countryman, Sh.M. Mirziyoyev. Even in cooperation with abroad, conditions are being created for the establishment of specialized universities to teach information technology. For example, the University of Sambhram, founded in 2021 in cooperation with India in the province of Uzbekistan, is an example of the establishment of similar universities, IT Centers, and IT Academy in other regions.

The IT industry has become one of the most modern, innovative and promising networks of our day. (Matthew 24:14; 28:19, 20) Therefore, the number of people working in this area and achieving major financial achievements is also increasing.

Today, there are 29 foreign higher education institutions and their branches operating in our country. This allows us to broadly introduce foreign experience into the education system of Uzbekistan, teach by world standards, prepare cadres that serve the development of our country and compete with the world's young people.

Nowadays, in so many places we can meet the word "IT," so what is that word itself?

IT is an abbreviation for the English words Information Technology, which is referred to in English as "Information Technology." Even so, we pronounce and use this word in the form of IT.

Information technology is a computing technique that performs such tasks as the formation, collection, distribution, storage, processing, and protection of information. (Matthew 24:14; 28:19, 20) Today, computer technology is functioning as computing technology, so when the word IT is used, computer technology is understood primarily.

In what circumstances is IT itself necessary?

- During communication (social networks, messengers, email, chat,...);
- when receiving information (messages, weather forecasts,...);
- information processing (applications, graphics, videos, writing, ,... performing mathematical actions);
- in the process of reading (e-books, interactive lessons, manuals,...);

— rest (movies, music, games,...).

So our lives are closely related to that word. No matter what we do, even when we are relaxing, we use IT services. Our standard mobile phone is also an IT device because we store some kind of data on this device. Since our work process involves computer technology, each enterprise has separate IT departments, even in businesses that have nothing to do with computers at all. So there is a great deal of interest and demand in this area.

Currently, almost all networks operate using information technology. He pays great attention to the development of the sphere in Uzbekistan and to improving the quality of implementation of innovative solutions in order to improve the quality of services provided to alleviate lives.

Information technology is widely used in communication, management, banking, based on which high-tech technologies are developed and implemented in educational programs, geological exploration and resource extraction, in modern industry, medicine, and in ensuring safety.

The use of information technology in various industries is expanding steadily. This is a reflection of the growing demand for the services of IT professionals.



Today, the development of the whole state is directly related to the development of the IT sector, so many countries around the world are focusing primarily on creating favorable conditions for improving the entire IT ecosystem.

If you are noting that in recent times many outstanding innovations , projects , and contests have been developed in our country in the field of programming . Almost all of us have learned that programming is a profession of the "future." For we have lived in the age of information technology .

(Matthew 24:14; 28:19, 20) Today, information technology can be divided into types of storage, rationalization, and creator. The first type of technology saves welfare, material resources, time. Rationalizing information technology is illustrated by the ordering of tickets and the system of hotel accounts. Creator (creative) information technologies consist of systems that produce, use information, and incorporate a person as a component. The modern development and achievements of information technology demonstrate the need to inform all aspects of science and human activity. Information broadcast as "news" is often presented in a biased and so on.

We all know that one of the most rapidly developed and developing industries nowadays is IT. Side by side - at a time when our surroundings were surrounded by electronic devices, our lives became even more closely associated with IT, not today , but even our future will be built with the IT industry. Many countries place great emphasis on the development of the IT industry. The various TVs, machines, smartphones, smartwatches and other types of appliances we use in everyday life work through special applications, while applications rely directly on programming languages and special programs

The introduction of information technology in each industry has become a time-consuming requirement. It becomes increasingly difficult for an expert who does not know the IT industry to make great strides.

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Developed countries are going through this phase and implementing new inventions, technological innovations, and projects. Life grew out there. Not far away, asian countries such as Japan, South Korea, and China have reached the peak of technology.

They also reached the level gradually, by focusing on the industry, teaching young people information technology. We also have the saying that this network is evolving. Because 6-7 years ago, such concepts as IT parks, blockchains, startup projects were not so popular.

The development of information technology and the digital economy is being intensively pursued. Conditions are being created for industry professionals, and technoparks for software products and information technology are being established in the regions.

The goal is to develop information technology in the region and support new developers, to realize their innovative projects and proposals. It is also planned to develop new innovative programs to address the problems faced by everyday life.

In particular, as part of the One Million Programmers project, courses will be organized to prepare young developers at Technopark. This will create a favorable environment for young people interested in information technology to create software products.

Today, 15 young web designers, programmers and robotics have begun to work in the IT technopark. As a result of the establishment of training courses for young programmers within the framework of the "One Million Programmers" project, it was convenient for young people interested in information technology to create software products.

#### **List Of Available Publications:**

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