

Career of the month September “Careers in Information Technology”

IT (Information Technology) is all about using computers and technology to solve problems, create things, and help people work smarter. It plays a part in nearly every job today, from healthcare and education to gaming and entertainment. There are loads of exciting careers in IT for people who enjoy solving problems, being creative, or working with computers.

- **Software Developer**

Software developers write the code that makes apps, websites, and games work. They build programs from scratch or help improve ones that already exist. You'll need to enjoy solving problems and be confident using programming languages like Python or Java. Many developers study computer science or take a college course in software or app development.



- **Cybersecurity Analyst**

Cybersecurity analysts protect computers and data from hackers and online threats. They help find weaknesses in systems and make sure information stays safe. This job is great if you're good at spotting problems and thinking ahead. You can get started by studying IT or taking a cybersecurity course, and apprenticeships are also a great option.



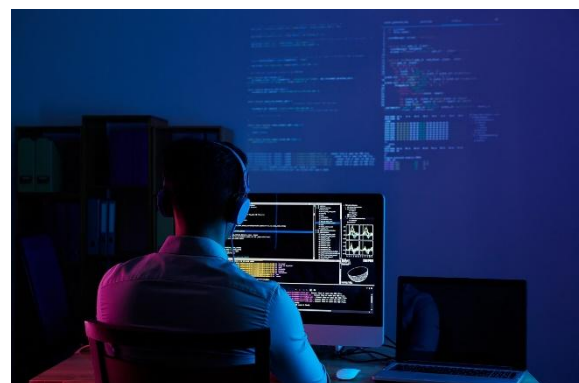
- **Cloud Engineer**

Cloud engineers work with companies to store data and run programs on the internet instead of on one computer. They make sure people can access their work safely and easily from anywhere. You'll need to be good at understanding how systems connect and using online platforms like Google Cloud or Microsoft Azure. A background in IT or computer science helps, along with cloud certifications.



- **App or Web Developer**

These developers design and build the apps and websites we use every day. They make sure everything looks good, works properly, and is easy to use. If you like designing and also enjoy coding, this job brings both together. You'll need skills in coding languages like HTML, CSS and JavaScript, and an eye for design helps too.



- **Data Analyst**

Data analysts look at numbers and information to spot trends and answer questions. For example, they might help a company understand what products people are buying the most. You'll need to be good with maths and enjoy working with graphs, spreadsheets or data tools. Studying maths, IT or statistics is a good place to start.



- **AI or Machine Learning Specialist**

AI specialists help computers learn how to do things like recognise faces, suggest videos or drive cars. They use maths, data and coding to “train” computers to make decisions. This career is great if you’re interested in how technology can act smart. You’ll need to study computer science or data science, and be strong in maths and logic.



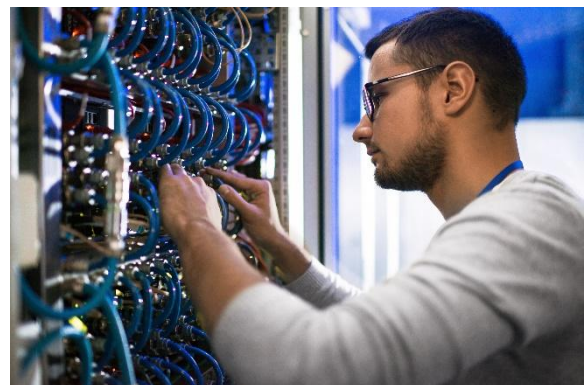
- **IT Support Technician**

IT technicians help fix problems with computers, printers, or software. If someone’s computer won’t turn on or the Wi-Fi isn’t working, they’re the one people call. You’ll need to be good at explaining things clearly and staying calm when things go wrong. You can start with a college course or apprenticeship in IT support or digital technology.



- **Network Engineer**

Network engineers set up the systems that let computers and devices share information. They make sure offices, schools or businesses stay connected to the internet and each other. This job suits people who like working with equipment and solving connection problems. Studying networking, IT or doing a Cisco certification can help get you into this career.



Why Work in IT?

IT is one of the fastest-growing industries in the world. There are jobs in every area—from fashion and sport to music and space. It can be creative, hands-on, or very technical, so there's something for everyone. Plus, IT jobs often offer flexible working, good pay, and the chance to make a real difference with your skills.