

# Fastest Growing Job Roles

Office Administrators  
Data Analysts  
IT Technicians  
Network Systems Administrators  
Cloud Technology Professionals  
Web Designers  
Project Managers  
Management Professionals  
Database Administrators  
Cybersecurity Professionals  
Software Developers  
IT Service Managers

# Fastest Growing Job Roles

Some industries and businesses in the United States are still growing—and hiring—at a faster than average pace.

According to the U.S. Department of Labor O-NET OnLine, Computer Occupations (15-1299.00) are expected to grow 8%-10% over the next 10 years.



The good news is that if you're ready to find a new job, re-enter the workforce, or advance at your current company, there is immense potential for realizing your career goals—if you've got the right skills and certifications in tow.

As organizations across industries compete to find quality candidates to serve in the crucial roles in IT, management, and beyond, the job market is yours for the taking.

Here are our picks for some of the Fastest Growing Job Roles that can help you find the right career path and take the reins on your future.



# Fastest Growing Job Roles

## Office Administrators

Where communication skills and technology collide.



Office Administrators are often called Office Managers. And for good reason – Office Administrators are responsible for so many of the tasks that ensure an office functions efficiently. Their duties include coordinating meetings, managing projects, responding to important messages by phone or email, and many other day to day needs.

Because this employee will wear so many hats, it is important for Office Administrators to be fast and efficient using Microsoft Office. The Microsoft Office Specialist (MOS) certification demonstrates proficiency in using the tools that will make an entire company more productive.



**Average Salary for an Office Administrator: \$41,000\***



**Projected Job Openings: 211,200\***

\*Secretaries and Administrative Assistants, Except Legal, Medical and Executive (O-NET OnLine 43-6014.00 National Trends), January 2022

### Certifications Involved:

- Microsoft Office Specialist

## Data Analysts

Most companies today agree that data is one of their most important assets.



With this increasing dependence on data to make strategic decisions at all levels of a company's infrastructure, Data Analysts are as critical as ever. Day to day, Data Analysts spend their time collecting and interpreting data to tell a story that can be easily read by stakeholders within the company.

They will be expected to have proficiency in Microsoft Excel, SQL, and other database/spreadsheet tools, but critical thinking and presentation skills are a must as Data Analysts will be expected to convey their findings to others in their organization.



**Average Salary for an Entry-Level Data Analyst: \$38,040\***



**Projected Job Openings: 325,400\***

\*Office Clerks, General (O-NET OnLine 43-9061.00 National Trends), January 2022

### Certifications Involved:

- Microsoft DA-100 (Advanced Power BI)



# Fastest Growing Job Roles

## IT Technicians

Most people getting into IT will start their careers in an IT Technician role.



IT Technicians are the front line of the IT world. They are responsible for maintaining, troubleshooting, and repairing hardware and software across their organization's infrastructure. Because of this, IT Technicians are constantly learning from new challenges and new tasks.

It is important for IT Technicians to have a foundational knowledge troubleshooting in a wide range of systems. CompTIA's vendor agnostic certifications (like A+, Network+, and Security+) give IT Technicians the foundations in multiple software and hardware vendors so they may apply their skills in almost any IT environment.

 **Average Salary for an IT Technician: \$57,890\***

 **Projected Job Openings: 58,900\***

 **Projected Growth: 4%-7%\***

\*Computer User Support Specialists (O-NET OnLine 15-1232.00 National Trends), January 2022

### Certifications Involved:

- CompTIA A+
- Microsoft 365: Modern Desktop Administrator Associate

## Network Systems Administrators

Connecting to the internet might be the single most critical capability of the IT department.



The importance of network availability ensures that this job role will be in constant demand for years to come. The Network Administrator role can be a starting point in IT or a lifelong career because of the massive amount of skills to be learned.

Network Administrators are primarily responsible for installing, configuring, and maintaining all network hardware, software, and communication links. They also make sure that employees' workstations are working efficiently and stay connected to the central computer network.

 **Average Salary for a Network Systems Administrator: \$68,050\***

 **Projected Job Openings: 16,100\***

 **Projected Growth: 4%-7%\***

\*Computer Network Support Specialists (O-NET OnLine 15-1231.00 National Trends), January 2022

### Certifications Involved:

- CompTIA Network+
- Cisco Certified Network Professional (CCNP)
- Cisco Certified Network Associate (CCNA)



# Fastest Growing Job Roles

## Cloud Technology Professionals

It should come as no surprise that another growing sector of the IT industry is “The Cloud.”



With a term as all-encompassing as Cloud, it can be difficult to define exactly what someone in a Cloud Computing role actually does. In general, this individual is charged with managing the end-to-end lifecycle of a cloud environment. This can include anything from designing applications, planning architecture, deploying security protocols, or provisioning resources.

The Cloud space has a lot of optionality when it comes to available tools, but teams will primarily find themselves using one or all of the three main providers: Microsoft Azure, Amazon Web Services, or Google Cloud Platform. Fortunately, all three of these vendors have developed clear roadmaps for certification depending on the day-to-day functions an individual will find themselves

 **Average Salary for a Cloud Technology Professional: \$68,050\***

 **Projected Job Openings: 16,100\***

 **Projected Growth: 4%-7%\***

\*Computer Network Support Specialists (O-NET OnLine 15-1231.00 National Trends), January 2022

### Certifications Involved:

- CompTIA Cloud+
- Microsoft Azure Administrator (AZ-104)
- AWS Solutions Architect
- Google-Certified Professional Cloud Architect

## Web Designers

An ideal career for the creative soul with a knack for technology.



Web Designers may be considered the architects of the customer experience. The web sites they create have the power to make first impressions and are often the main portal to information about a company. While Web Developers do not always control the copywrite on a site, they are responsible for creating the design and layout of a website.

Modern Web Designers may not need to be expert coders, as there are a number of tools to help get the job done now. Experience and training in the Adobe Creative Suite, including Photoshop, Illustrator, and Dreamweaver, will set Web Designers up for success.

 **Average Salary for a Web Designer: \$78,580\***

 **Projected Job Openings: 11,000\***

 **Projected Growth: 11% or higher\***

\*Web Developers (O-NET OnLine 15-1254.00 National Trends), January 2022

### Certifications Involved:

- Adobe Web Design



# Fastest Growing Job Roles

## Project Managers

For those who are extremely organized and thrive when multi-tasking.



Project Managers are responsible for planning, executing, and monitoring projects that may include many different stakeholders and departments. For this reason, they tend to be excellent communicators and very organized.

Along with the software tools that Project Managers use to keep track of their projects (Microsoft Project, Outlook, Excel, etc.), there are a great deal of best practices for how to manage a project effectively. Project Management Institute (PMI) offers certifications for all levels of Project Managers and continually ranks as some of the most valuable certifications in the job market.



**Average Salary for a Project Manager: \$95,370\***



**Projected Job Openings: 70,400\***



**Projected Growth: 4%-7%\***

\*Project Management Specialists (O-NET OnLine 13-1082.00 National Trends), January 2022

### Certifications Involved:

- Project Management Professional (PMP®)
- Lean Six Sigma Green Belt
- Lean Six Sigma Black Belt
- ITIL® - Foundations - Business Needs and Goals - IT Best Practices

## Management Professionals

Leadership roles without needing a high level of technical knowledge.



At any company, there are business processes and projects that need to be managed. In fact, it is increasingly common to find that the top job roles in a department are much less technical than the positions that they manage.

Leaders today spend their time analyzing how best to ensure their department improves the top and bottom lines of a company. Managers delegate tasks and responsibilities, create reports and presentations and collaborate with other departments to achieve goals. They must be effective communicators, coaches, and lifelong learners.



**Average Salary for a Management Professional: \$75,990\***



**Projected Job Openings: 114,200\***



**Projected Growth: 4%-7%\***

\*Business Operations Specialists (O-NET OnLine 13-1199.00 National Trends), January 2022

### Certifications Involved:

- Microsoft Office Specialist
- Lean Six Sigma Green Belt
- Project Management Professional (PMP®)



# Fastest Growing Job Roles

## Database Administrators

DBA's ensure that Data Analysts can do their jobs.



A Data Analyst is only as useful as the data they can collect. Therefore it is so important for a well-maintained and secure database from which to pull it. The Database Administrator is the person responsible for ensuring databases run efficiently. They will design the architecture of where data will go and how users can access or use that data.

A Database Administrator should have an eye for details and be able to solve logic problems as these are critical to everyone having dependable access to the source of data. From a technical perspective, an understanding of SQL and SQL Server tools is a must.



**Average Salary for a Database Administrator: \$99,860\***



**Projected Job Openings: 7,200\***



**Projected Growth: 8%-10%\***

\*Database Administrators (O-NET OnLine 15-1242.00 National Trends), January 2022

### Certifications Involved:

- Microsoft Azure Fundamentals
- Microsoft Azure Database Administrator

## Cybersecurity Professionals

Protecting company and customer information from malicious attacks.



IT security professionals plan and carry out security measures to protect an organization's computer networks and systems. Their responsibilities are continually expanding as the number of cyberattacks increases. IT security analysts are heavily involved with creating their organization's disaster recovery plan, a procedure that IT employees follow in case of emergency.



**Average Salary for a Cybersecurity Professional: \$112,000\***



**Projected Job Openings: 19,500\***



**Projected Growth: 11% or higher\***

\*Information Security Analysts (O-NET OnLine 15-1212.00 National Trends), January 2022

### Certifications Involved:

- CompTIA Security+
- Certified Ethical Hacker (CEH)
- Certified Information Systems Auditor (CISA)
- Certified Information Security Manager (CISM)
- Certified Information Systems Security Professional (CISSP)
- CompTIA Advanced Security Practitioner (CASP+)



# Fastest Growing Job Roles

## Software Developers

Code. Code. Code.



Software Developers write and test code that allows computer applications and software programs to function properly. They turn the program designs created by engineers into instructions that a computer can follow. They are also responsible for continuous testing and continuous improvement of the software.

The pace of Software Development has drastically increased in recent years. With the constant availability and frequent updates of modern applications, Software Developers are expected to understand not only the coding languages and tools to build the applications, but strategies that a Software Development department uses to get these updates out fast. Models like Scrum/Agile and DevOps are increasingly important concepts for Software Developers to understand.

 **Average Salary for a Software Engineer: \$127,260\***

 **Projected Job Openings: 143,400\***

 **Projected Growth: 11% or higher\***

\*Software Developers (O-NET OnLine 15-1252.00 National Trends), January 2022

### Certifications Involved:

- Microsoft Azure Developer Associate (AZ-204)
- Microsoft Azure AI Engineer Associate (AI-100)
- Agile Project Management
- DevOps Foundation

## IT Service Managers

On top of the IT service organization.



In the modern era, the Help Desk at a company is considered a customer service department. There has been increased focus on these departments to assess the needs of a service request, properly diagnose the problem, and solve that issue in a timely and kindly manner. At the top of this organization is the IT Service Manager.

In addition to ensuring a quality support experience, the IT Service Manager plans, coordinate, and directs computer-related activities in an organization. They help determine the information technology goals of an organization and are responsible for implementing computer systems to meet those goals. It is a very demanding role, but a fulfilling one, if you study up on the best practices of building an efficient IT Service Group. Fortunately, the Information Technology Infrastructure Library (ITIL®) is a great resource and collection of certifications for just that.

 **Average Salary for an IT Service Manager: \$164,070\***

 **Projected Job Openings: 48,500\***

 **Projected Growth: 10%-15%\***

\*Computer and Information Systems Managers (O-NET OnLine 11-3021.00 National Trends), January 2022

### Certifications Involved:

- ITIL® Foundation Certification
- ITIL® Practitioner Certification





# "Interested in one of these roles?"

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