



**NEW AGE  
TECHNOLOGY (COMPUTERS)**

**CAREERS**

**Presented By**

**CareerGuide.com**

## 1. BIG DATA ENGINEER

Big Data Engineers develop, maintain, organize and evaluate big data. These are so complex and large that traditional methods of handling data cannot be applicable.



## 2. DATA CENTER FACILITIES MANAGER

Data center facility managers are responsible for the data center at large -- from the outside of the building to the infrastructure it houses.



### 3. DATA CENTER OPERATIONS MANAGER

Data Center Operations Management refers to the everyday oversight of products, processes, services and supply chains that keep a data center running efficiently, effectively and securely.



### 4. APPLIED DATA SCIENTIST

An Applied Data Scientist, is someone who studies the data (i.e. data science) with the aim of providing actionable solutions to business problems by applying theoretical conceptual frameworks and algorithms on the underlying data.



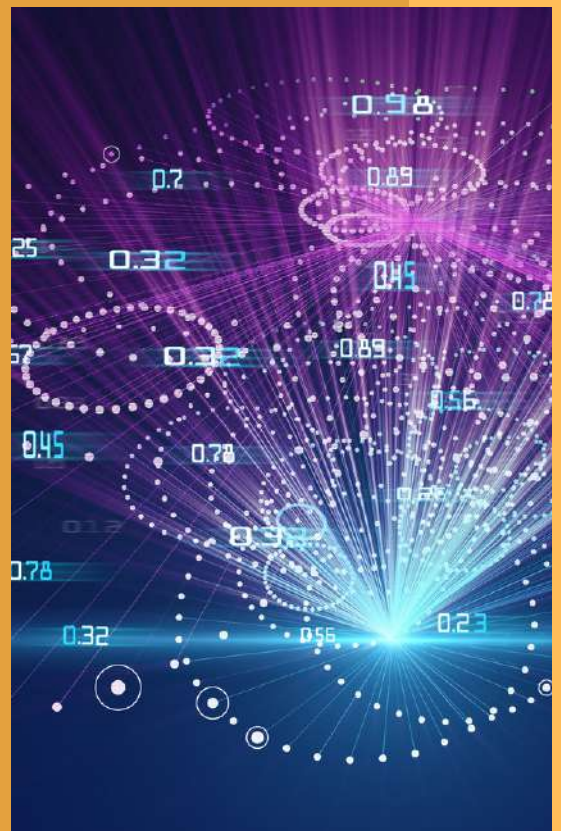
## 5. DATA ENGINEER

A data engineer is an IT / software engineers are typically responsible for building data pipelines to bring together information from different source systems.



## 6. DATA ARCHITECT

A data architect is a practitioner of data architecture, a data management discipline concerned with designing, creating, deploying and managing an organization's data architecture.



## 7. DATA WAREHOUSE SPECIALIST

Data warehouse specialists are technology experts who store and organize data. Typical job duties include making information available to clients and customers and preventing unauthorized access from hackers or other parties.



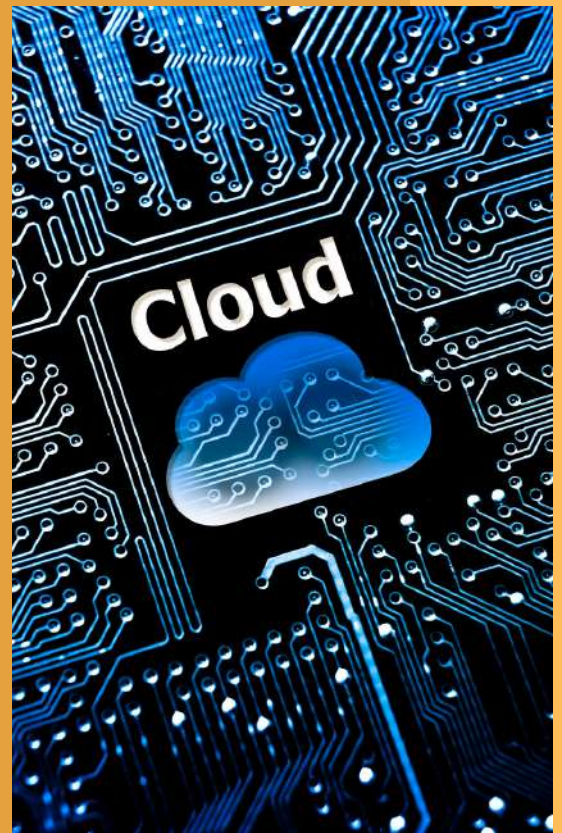
## 8. DATABASE ANALYST

The Database Analyst will maintain data storage; assess database design; and gather, organize, and interpret statistical information based on the data in the database.



## 9. AWS CLOUD ENGINEER

An AWS engineer is an IT professional who creates, maintains, and evolves an AWS cloud infrastructure for running applications. These infrastructures include production, test, and development environments.



## 10. CLOUD ENGINEER

A cloud engineer is an IT professional responsible for any technological duties associated with cloud computing, including design, planning, management, maintenance and support.



## 11. CLOUD NETWORK ENGINEER

A cloud network engineer is a network specialist who bridges the gap between established enterprise LANs and emerging private cloud and public cloud implementations.



## 12. AZURE CLOUD INFRASTRUCTURE ENGINEER

An azure cloud engineer is an IT professional that builds and maintains cloud infrastructure. Azure Cloud engineers can have more specific roles that include cloud architecting (designing cloud solutions for organizations), Azure is cloud infrastructure by Microsoft.



## 13. MACHINE LEARNING ENGINEER

Machine learning engineers design and create the AI algorithms capable of learning and making predictions that define machine learning (ML).



## 14. MACHINE LEARNING SPEECH ENGINEER

This software engineer works on speech tech like Multilingual ASR, Contextual biasing, Text to Speech, Voice Biometric, speaker separation, and technology required for Speech Technology.





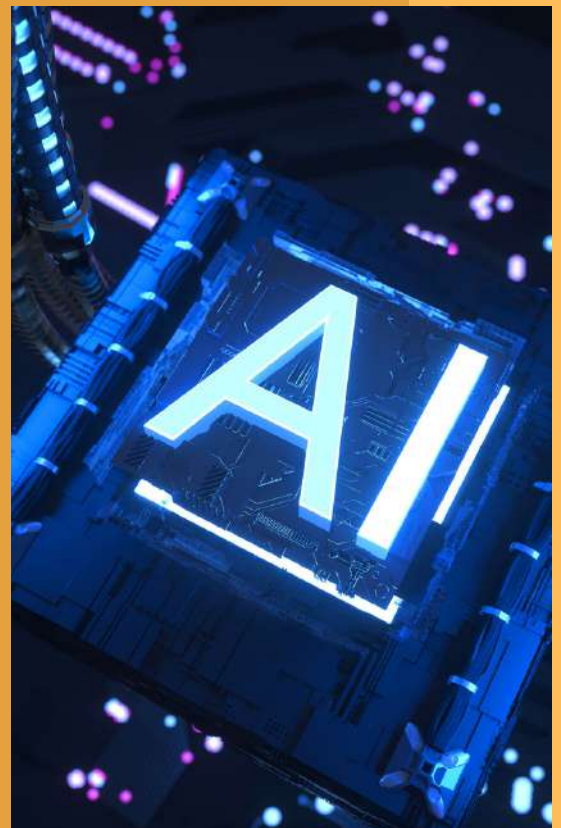
## 15. AZURE/AWS MACHINE LEARNING ENGINEER

They are responsible for all the cloud related things like :- Handling Microsoft Azure Virtual Machines. Deploying Azure VMs (Windows Server and Linux) in a highly available environment.



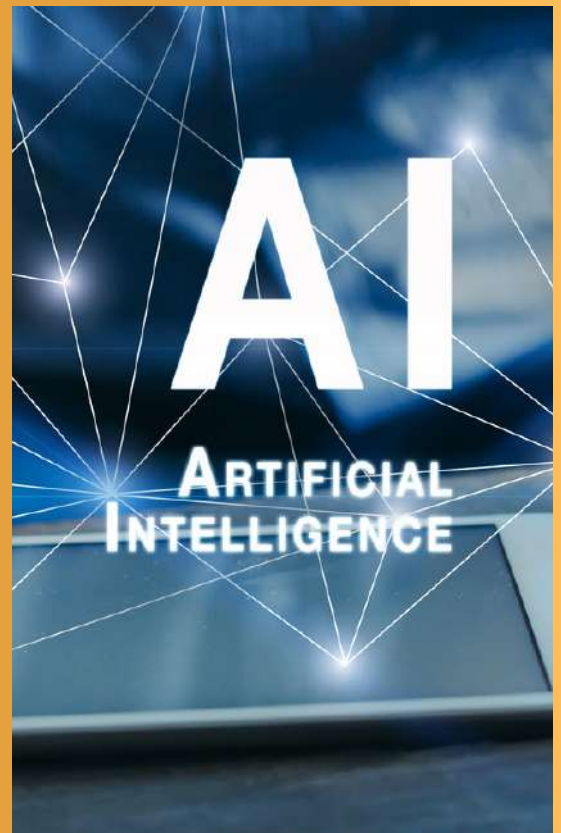
## 16. ARTIFICIAL INTELLIGENCE ENGINEER

An artificial intelligence engineer is an individual who works with traditional machine learning techniques like natural language processing and neural networks to build models that power AI-based applications.



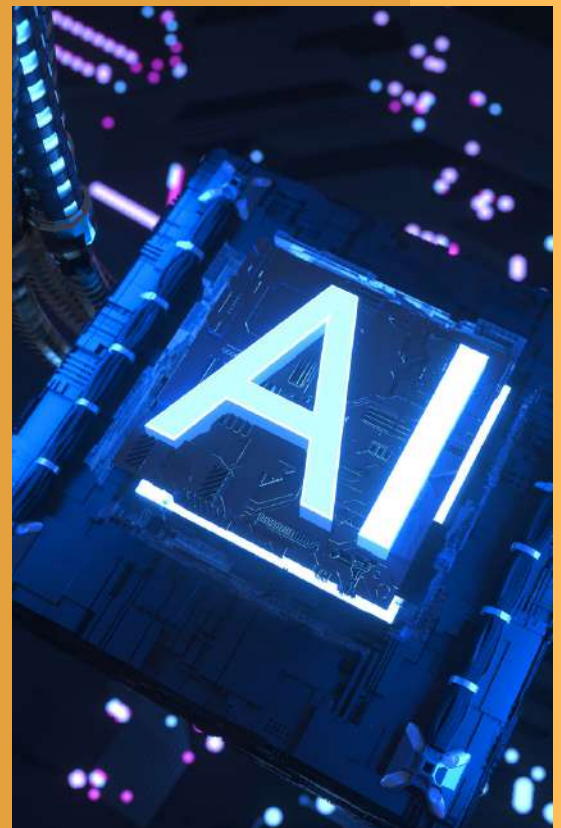
## 17. AI VOICE & SPEECH ENGINEER

This type of engineers are well versed in classical speech processing methodologies like hidden Markov models (HMMs), Gaussian mixture models (GMMs), Artificial neural networks (ANNs), Language modeling, etc.



## 18. AI DATA ANALYST

With the help of statistical tools and methods, inferences are drawn from the data by an AI data analyst. The major function of an AI data analyst is to perform data mining, data cleaning, and data interpretation. By cleaning data, requisite data is collected to carry out data interpretation.



## 19. BLOCKCHAIN DEVELOPER

Blockchain software developers build applications based on blockchain architecture and protocol.



## 20. BLOCKCHAIN SECURITY ENGINEER

Works directly with the external blockchain developers to audit their code and secure their products including smart contracts, protocols, and Dapp.



## 21. BLOCKCHAIN INTEGRATION ENGINEER

A blockchain engineer is a complete package who can perform the operations, designing, development, analyzing, implementing, and supporting a distributed blockchain network.



## 22. FULLSTACK BLOCKCHAIN ENGINEER

A Fullstack Blockchain engineer develops, maintains, and support software prototypes and product features from start to finish. Implement cross-platform user experiences from conception to release.



## 23. ANDROID SOFTWARE ENGINEER

An Android developer is responsible for developing applications for devices powered by the Android operating system.



## 24. IOS DEVELOPER

An iOS developer is responsible for developing applications for mobile devices powered by Apple's iOS operating system.



## 25. MOBILE DEVELOPER

Mobile developers are a type of software developer. They specialise in mobile technology such as building apps for Google's Android, Apple's iOS and Microsoft's Windows Phone platforms.



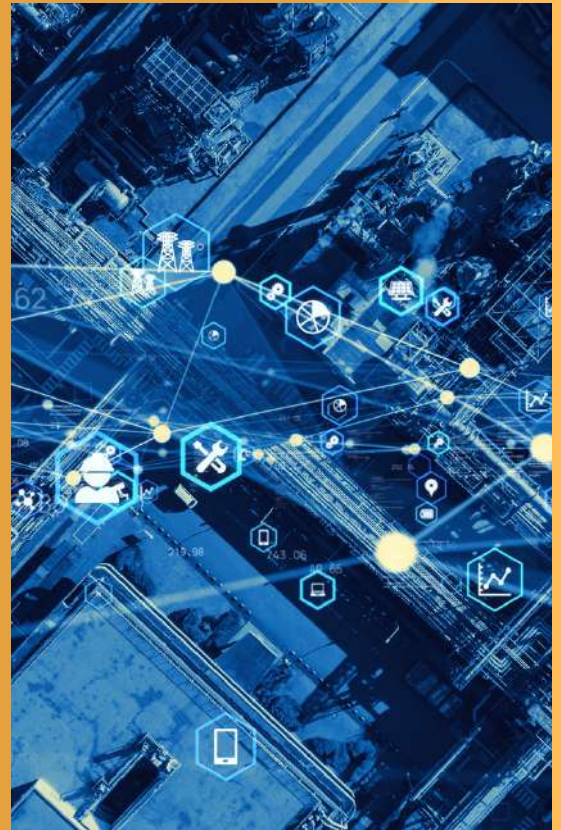
## 26. FLUTTER MOBILE APP DEVELOPER

Flutter is an open-source software development kit which enables smooth and easy cross-platform mobile app development. A Flutter developer is an individual who uses the Flutter framework to develop cross-platform applications.



## 27. NETWORK DEVELOPMENT ENGINEER

A network development engineer is responsible for creating, deploying and automating networks that will enable data to move swiftly between different data centers.



## 28. NETWORK ADMINISTRATOR/MANAGER

Main job of Network manager is to maintain computer networks with software updates and hardware upgrades, providing technical support, and training other employees on best practices.



## 29. NETWORK ANALYST

Network Analysts, also known as network engineers, are involved in the design, improvement, and implementation of computer networks.



## 30. NETWORK ARCHITECT/ DESIGNER

Network Architect is a professional who takes care of communication networks, such as local area networks (LANs), wide area networks (WANs), and intranets.





## 31. SYSTEM ADMINISTRATOR

A system administrator, or sysadmin, or admin is a person who is responsible for the upkeep, configuration, and reliable operation of computer systems, especially multi-user computers, such as servers.



## 32. SYSTEM ANALYST

A systems analyst, also known as business technology analyst, is an information technology professional who specializes in analyzing, designing and implementing information systems.



## 33. QUALITY ASSURANCE ENGINEER

A QA engineer focuses on improving software development processes and preventing defects in production.



## 34. QUALITY ASSURANCE MANAGER

The Quality Assurance (QA) Manager will oversee the activity of the quality assurance department & staff, developing, implementing & maintaining a system of quality & reliability testing for the organizations products and/or development processes.



## 35. SOFTWARE TESTER

A software tester is an individual that tests software for bugs, errors, defects or any problem that can affect the performance of computer software or an application.



## 36. SOFTWARE AUTOMATION TESTER

Automation Test Engineers are none other than developers who work on the designing, programming, simulation, and testing of new or existing software. Automation Testing, however, is a technique to test software in order to check and compare the output received with the output assumed or expected.



## **37. COMPUTER FORENSICS INVESTIGATOR**

Computer forensic investigators help retrieve information from computers and other digital storage devices. The retrieved data can then be used in criminal investigations or as evidence in cases for cyber crimes.



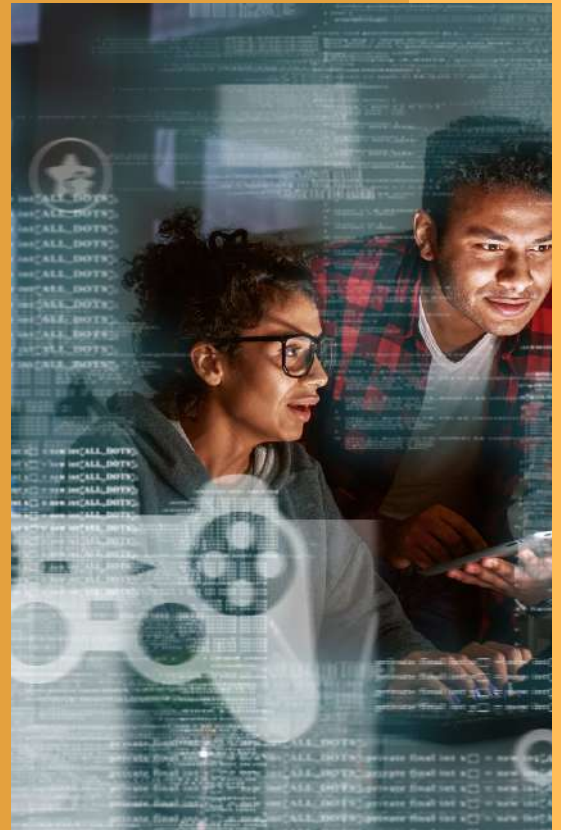
## **38. CYBER SECURITY ANALYST**

Cybersecurity analysts protect computer networks from cyberattacks and unauthorized access. They do this by trying to anticipate and defend against cyber threats, and responding to security breaches when they do happen.



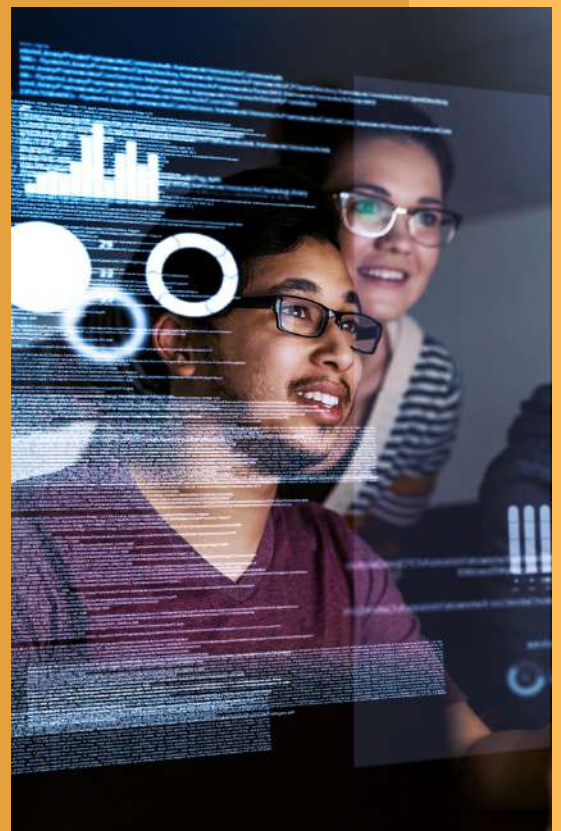
## 39. SOFTWARE ARCHITECT

A Software Architect is a computer programmer or software developer who determines which processes and technologies the development team should use.



## 40. SOFTWARE DEVELOPER

Software developers create the computer applications that allow users to do specific tasks and the underlying systems that run the devices or control networks.



## 41. SOFTWARE RELEASE MANAGER

A Release Manager in IT is a person responsible for managing the complete software delivery life cycle. They have to work with the team from the planning phase to the deployment phase through the development and testing phases.



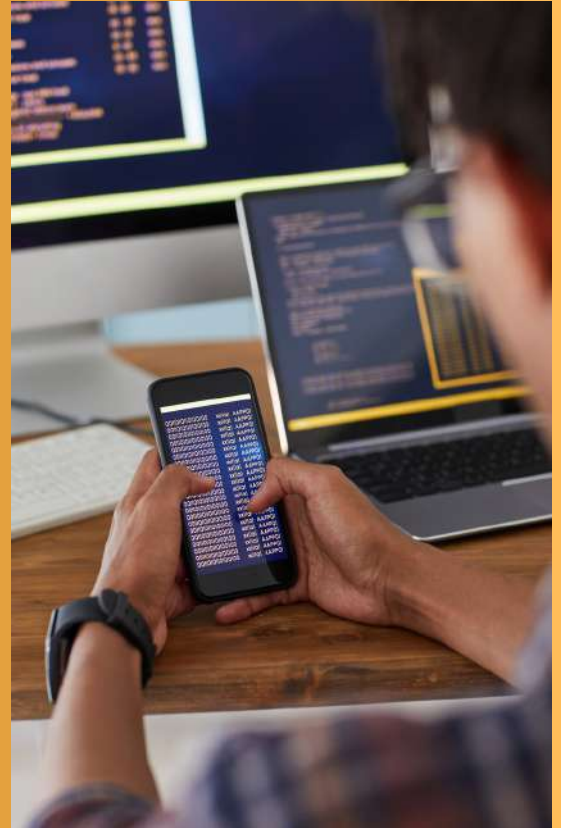
## 42. COMPUTER HARDWARE ENGINEER

Computer hardware engineers research, design, develop, and test computer systems and components such as circuit boards.



## 43. IT CONSULTANT

An information technology consultant (IT consultant) is an individual that provides advice, guidelines and a road map for sourcing, utilizing and managing IT assets and resources.



## 44. FRONTEND SOFTWARE ENGINEER

Front end engineers plan, design, build, and implement the user interface systems of websites, software programs, and web-based applications.



## 45. ROBOTICS ENGINEER

A robotics engineer designs prototypes, builds and tests machines, and maintains the software that controls them. They also conduct research to find the most cost-efficient and safest process to manufacture their robotic systems.



## 46. AUTOMATION ENGINEER

The goal of an automation engineer is to eliminate defects, errors and problems with product or software development and with business or customer service processes.





## **47. COMPUTER SUPPORT SPECIALIST**

Computer support specialists render help and guidance to people or organizations that are using computer software or equipment.



## **48. IT INSTRUCTOR**

IT instructors are teachers who lead information technology courses at the high school and college levels. At the high school level, they usually teach courses on basic or advanced computer skills.





# HOW TO GET THERE ?

Want to get your technology (computer) career off to a good start? There's a lot to think about, from picking a computer science degree that will help you develop a variety of technical and soft skills to acquiring professional experience and expanding your resume. Here are eight things to consider to help you start your new age technology (computer science) career on the right foot:

- Choose a computer science degree or its specialisation .
- All these new age technology careers requires self teaching and curiosity to learn.
- Doing lot of real time projects will , build a firm foundation.
- Learn the soft skills needed for a computer career.
- Competitions can help you improve your talents.
- Self teach yourself through small certification programs and Youtube.
- Take side projetcs.