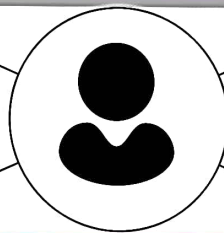


The Internet of things describes physical objects with sensors, processing ability, software, and other technologies that connect and exchange data with other devices and systems over the Internet or other communications networks

The term "IoT Engineer" is one that comprises dozens of job functions and areas of specialization. Engineers in IoT can work across the IoT stack – from devices to the cloud, user interfaces to connectivity and backbone support – and can hold roles that focus on a variety of system aspects.



Designing, coding, and testing features of devices

create, test, and document IoT solutions

creation and development of the devices, sensors

A crucial skill that an IoT Engineer must possess is an in-depth understanding of computer programming and network security. They must also have knowledge of sensors, machine learning and AI and must have experience in working with front-end and back-end systems as well as custom-built firmware and hardware.

Enhance data collection

Minimize human effort

Improve security

Privacy

Security

Complexity