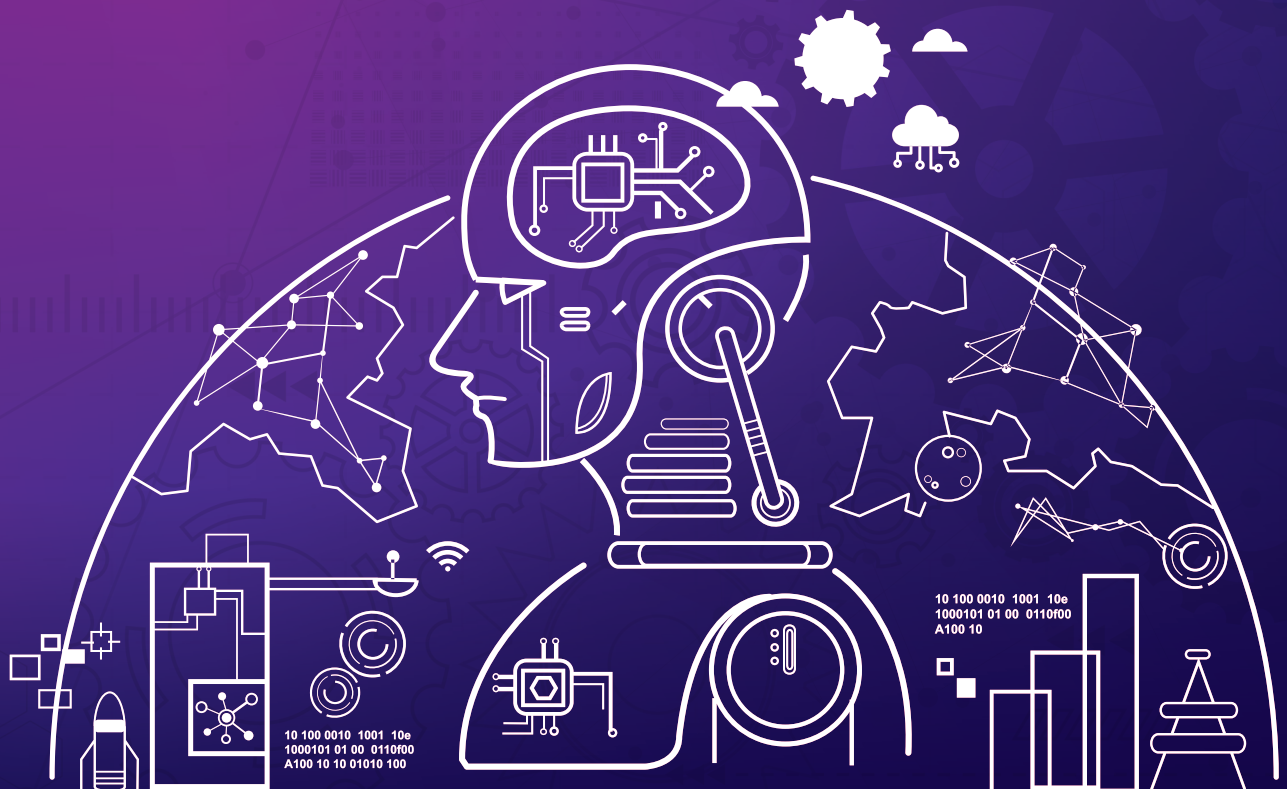


# future skills<sup>®</sup>

A nasscom initiative



nasscom FutureSkills is an industry driven learning ecosystem to get India accelerated on the journey to become the global hub for talent in the emerging technologies.

Powered by 



# future skills<sup>®</sup>

A nasscom initiative

In 2017, nasscom in partnership with BCG conducted a comprehensive study to identify trending job roles & skills in emerging technologies. As a host of emerging technologies change the future of work, a massive disruption is facing the IT-ITES industry today. Of the 4.5 m people employed in the industry, 1.5 -2 m are expected to require reskilling in the next 4-5 years. A decoupling of revenue and headcount growth is visible even today and employers and employees need to adapt themselves to the changing job environment of technological shifts and changing stakeholder expectations. The problem is too large to be handled alone. It needs a collaborative industry level response. With nasscom as the enabler, IT-ITeS Industry has stepped up to the challenge with the FutureSkills Initiative – a truly industry driven learning ecosystem.

The FutureSkills portal has been designed as a marketplace and content library, where the best global providers of content and learning come together to offer learners information on the latest jobs, the skills needed for those jobs, learning content, assessments and certifications. A learner can seamlessly access free and paid content, assessments, virtual labs and get certified on the skills of their choice.

The platform is fuelled by a curation engine that has the ability to trawl the massive amount of high quality learning content available on the web and funnel it in an easy to consume format for the learners. The curation feature also allows Subject Matter Experts from the Industry and academia to contribute by curating content and learning pathways on these technologies.

The technology and implementation partner for FutureSkills is EdCast, an aggregation/curation platform. In this partnership, nasscom's role is to provide the voice of the industry and keep the content and architecture relevant to what industry needs. Together with the industry to collaborate and co-create, FutureSkills portal is a unique initiative to power the IT-ITeS Industry's journey into the future.

# 70+ JOB ROLES FROM THE FUTURE

## Cyber Security

Security Analyst | Analyst Application Security | Analyst Identity and Access Mgmt | Analyst End Point Security | Analyst Security Operations Centre | Penetration Tester | Consultant Network Security | Forensic Specialist | Security Infrastructure Specialist | Architect Identity and Access Mgmt

## 3D Printing

Software Engineer-Slicing | 3D Modelling Engineer/3D Graphic Artist | Solution Architect | System Test Engineer | 3D Printing Technician | Material Analyst Engineer

## Blockchain

Developer | Engineer | Testing Engineer | Project Manager | Web Designer

## Virtual Reality

App Developer | Optical Scientist | Product Hardware Engineer | Service Technologist | VFX Artist | Testing Engineer, Virtual Reality | UI Designer | Computer Vision Engineer | Information Security Analyst | Solution Architect | Sensor Architect | Sound Designer, Virtual Reality | Software Engineer, VR Devices | 3D Modelling Engineer/3D Graphic Artist

## Mobile Tech

Social Engagement Manger | UI Designer | UX Designer | Application Developer | Testing Engineer | Digital Marketing Specialist

## Robotic Process Automation

Service Engineer | Business Analyst | Robotic Process Automation Developer | Solution Architect | Development Coordinator | Solution Architect | Testing Engineer | Business Analyst

## Artificial Intelligence

AI Research Scientist | AI Research Scientist Image & Videos | Hardware Integration Engineer | AI Research Scientist, Language-Processing | Data Scientist | Data Architect | Software Engineer, Testing | Software Engineer, Application-Platform, AI

## Internet of Things

Embedded Systems Programmer | Cloud Support Engineer | Information Security Analyst | Solution Architect | Business Analyst | Hardware Design Engineer Designer | Computer Vision Engineer | UI/UX Designer | Network Wireless Specialist | Software Engineer | Data Scientist | Testing Engineer, IOT | App Developer | Data Architect

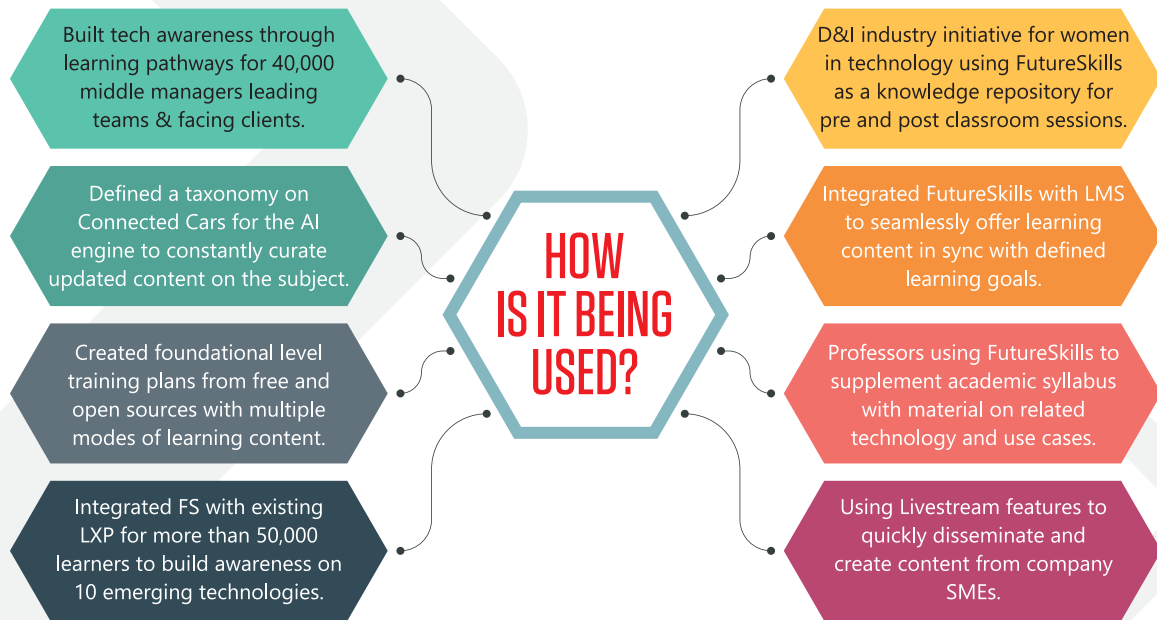
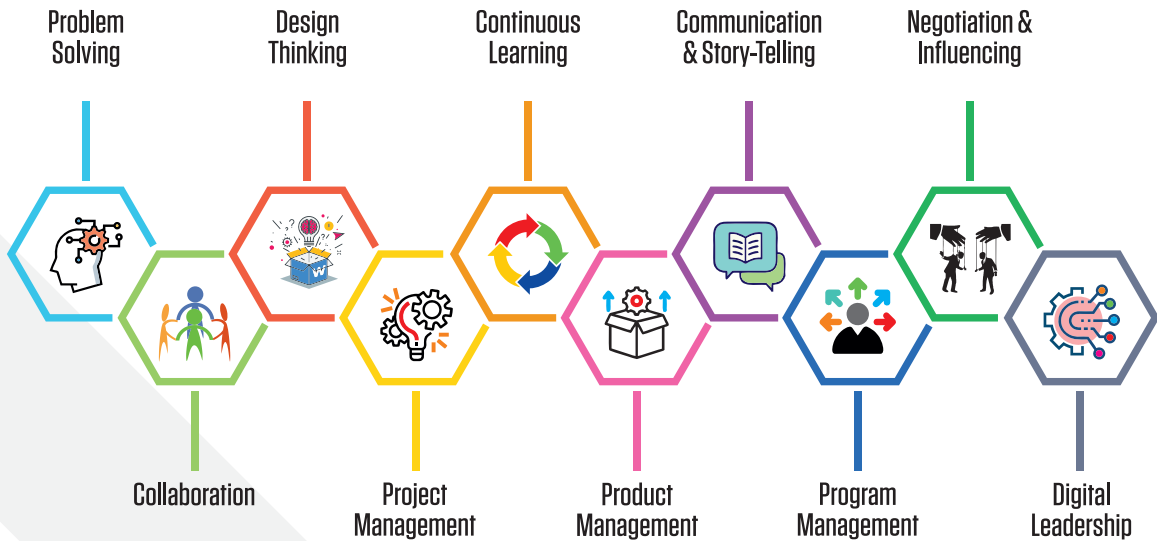
## Big Data Analytics

Data Analyst | Data Integrator | Business Analyst | Data Scientist | Solution Architect

## Cloud Computing

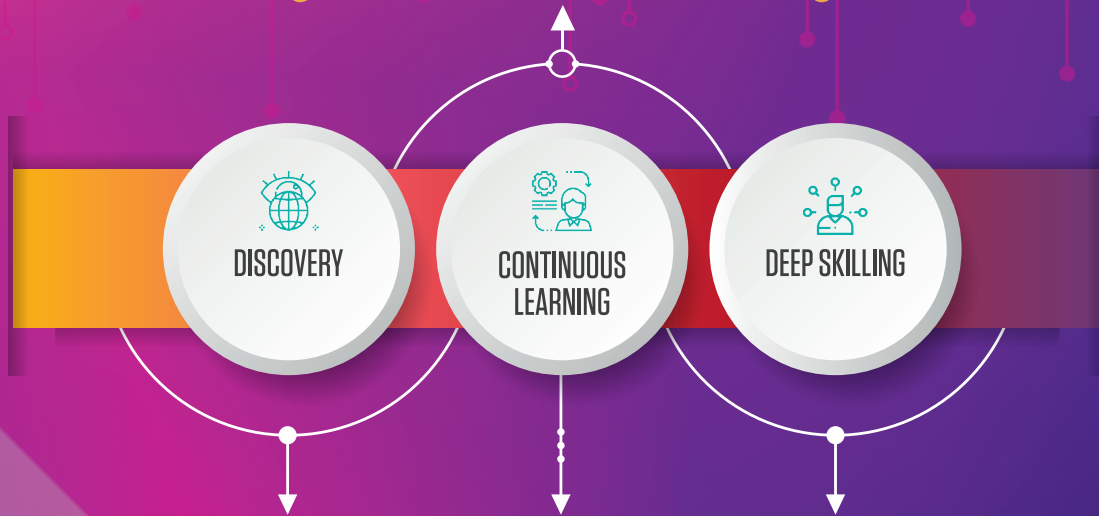
Migration Engineer | Cloud Architect | Cloud Software Engineer

# Professional Skills





## CONTINUOUS LEARNING JOURNEY



### DISCOVERY

Become familiar with 10 emerging technologies, discover high demand job roles in these technologies as well as the skills needed for these job roles.

### CONTINUOUS LEARNING

Formal and informal learning through hours of curated content tailored to the individual's areas of interest and goals.

### DEEP SKILLING

Up-skill by enrolling in free or paid deep skilling pathways at a marketplace with all the major global providers of courses, assessments and labs.

## INDUSTRY DRIVEN LEARNING ECOSYSTEM

### Partner Ecosystem


## Renowned Subject Matter Experts

DRIVING, INSPIRING, MOTIVATING & INFLUENCING tech-skilling of the IT professional



Share Domain knowledge  
with learners community



Create Smartcards and  
learning pathways



Network with  
other experts



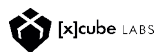
Live stream to  
Engage with learners

## Pioneer Clients



CYIENT

CGI



WNS

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