

New Technology Profiles in Demand

With increasing automation across technology sectors, old jobs are getting redundant. There are, however, skillsets and roles that are in demand as companies adapt to the digital world. While traditional roles are turning obsolete, new opportunities exist in areas such as artificial intelligence, machine learning, 3D printing, design thinking, block chain and cloud computing, according to TeamLease Services. "Let's ignore the doomsayers and stay the course on preparing ourselves for the future potential in technology. And this preparation needs to be lifelong and not in spurts or driven by exigencies," said Rituparna Chakraborty, executive V-P, TeamLease Services. "Already there are newer tech jobs evolving for which we are struggling to find the right skills"



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Role	Who is hiring	Salary p.a.	Why the role is in demand
Data Scientist 	Search engines, social networks, financial institutions, ecommerce cos, healthcare, engineering companies, retail analytics, mobile analytics, marketing agencies and data science vendors	₹ 6.2 lakh 	In spite of increased availability of highly refined data collection tools and analytics dashboards, there is still high demand for data scientists since they possess advanced skillsets in statistics and analytics, which is needed to clean and organise data before extracting valuable insights.
Artificial Intelligence and Machine-Learning Developer 	Technology companies, production and manufacturing, healthcare, transportation, customer service, finance, construction	₹ 12 lakh 	AI and machine learning have potential for limitless applicability in almost every field. Being an artificial intelligence and machine-learning developer compels understanding of the entire ecosystem that you're designing for. This necessitates working with AI and machine components that run autonomously with minimal human supervision.
3D Designers 	Aerospace, animation and entertainment, automotive, consumer electronics, consumer goods, defence, dentistry, education, industrial machinery and manufacturing, among others	₹ 3.1 lakh 	3D designers require high levels of creativity and flexibility since the products that they work with require high level of customisation. It includes designing from scratch, understanding and analysing customer requirement, design thinking, creating unique products, analysing, reviewing and enhancing 3D designs for existing products portfolio, etc.
UI/UX Designer 	Technology, enterprise, healthcare, automotive, industrial engineering, fashion industry	₹ 6.89 lakh 	UI/UX designers have the task of understanding customer problems and pain points, breaking down business goals, crafting testable hypotheses, designing the solution and then vetting the solution with customers.
Blockchain Dev. 	Financial industry, technology companies, consumer products, manufacturing, technology, media, telecommunications, healthcare, life sciences	₹ 3.9 lakh 	Blockchain developers enable transparent, tamper-proof systems that facilitate transactions between machines without going through a neutral central authority. With a steady rise of interest in the technology, there is an increased demand for adoption at multiple stages of blockchain, which impacts the skill requirement.
Cloud Software Engg 	Tech manufacturing, fin services, industrial manufacturing, telecom, automotive, aerospace, consumer products manufacturing, transport/logistics, retail, software, pharma, media, metals/mining	₹ 6.9 lakh 	The demand is expected to rise exponentially because more and more companies are implementing cloud technology and this is a crucial role in the loud computing ecosystem
Cloud Project Manager 	Tech manufacturing, financial services, industrial manufacturing, telecom, automotive, aerospace, consumer products manufacturing, transport/logistics, retail, computer software, pharma, media, metals/mining, energy/utilities	₹ 13.51 lakh 	Increasingly traditional positions such as project manager, business systems analyst, etc. are evolving into jobs that require their occupants to work in the cloud. The role requires familiarity with the trade-offs and design patterns of the cloud environment of the organisation.

