



National Career Service

सही अवसर, सही समय
Right Opportunities, Right Time

CAREER IN CLOUD COMPUTING



**Government of India,
Ministry of Labour and Employment,
Directorate General of Employment,
National Institute of Career Service,
Noida , Uttar Pradesh.**

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CAREER IN CLOUD COMPUTING

INTRODUCTION

Cloud Computing is a type of computing that relies on sharing computing resources rather than having a local server or personal devices to handle applications. In cloud computing, the word Cloud is used to represent the “Internet”, so Cloud computing means a type of Internet Based Computing where different services such as servers, storages and applications are delivered to an organisation’s computers and devices through the Internet. Cloud computing utilises the cloud or the internet to offer services as per the user’s need at any location and anytime. Organisations use cloud computing to fulfil the requirements of their clients and partners. The three major contributors in cloud computing are vendors, partners and business leaders. Cloud computing allows organisations to treat their resources as a pool and not as independent resource.

Vendor – Provides the applications and their associated technologies, infrastructure, hardware and integration.

Partners – Provide Cloud services on demand and offer support services to their customers.

Business leaders – Utilises and evaluates the Cloud Services offered by their Partners

SERVICES OF CLOUD COMPUTING



SCOPE IN CLOUD COMPUTING

Cloud computing with its On-demand usage, Ubiquitous access, Resources Pooling, Elasticity, Measured Usages and Resilience offers exciting and well-paying career opportunities.

Lucrative Field: The demand for skilled cloud professionals is high, leading to attractive salaries.

Diverse Roles: There are various specializations within cloud computing, allowing you to find a role that aligns with your interests and skills. (e.g., Cloud Security Engineer, Cloud Architect, DevOps Engineer)

JOBS IN CLOUD COMPUTING

JOB TITLE	KEY SKILLS	BASIC QUALIFICATIONS	AVERAGE ANNUAL PAY (INR)
Cloud Engineer	* AWS, Azure, or GCP certification * Linux administration * Scripting (Python, Bash) * Networking fundamentals * Cloud storage and databases	Bachelor's degree in Computer Science or related field (or equivalent experience)	₹5.2 LPA - ₹12.6 LPA
Cloud Security Engineer	* Cloud security best practices (IAM, encryption) * Security vulnerabilities and penetration testing * Cloud security certifications (CISSP, CCSP) * Network security fundamentals	Bachelor's degree in Computer Science or Information Security (or equivalent experience)	₹7.7 LPA - ₹12.7 LPA
Cloud Solutions Architect	* In-depth knowledge of multiple cloud platforms * Experience designing and deploying cloud solutions * Understanding of cloud cost optimization * Strong communication and presentation skills	Bachelor's degree in Computer Science or related field + 5+ years of IT experience	₹6.3 LPA - ₹18 LPA

DevOps Engineer (Cloud Focus)	* DevOps methodologies (CI/CD) * Cloud automation tools (Terraform, Ansible) * Infrastructure as Code (IaC) concepts * Linux administration and scripting	Bachelor's degree in Computer Science or related field (or equivalent experience)	₹4 LPA - ₹14 LPA
Cloud Support Engineer	* Troubleshooting cloud infrastructure issues * Excellent customer service skills * Strong understanding of cloud services (storage, compute, databases)	Bachelor's degree in Computer Science or related field (or equivalent experience)	₹3.6 LPA - ₹10 LPA

MORE JOBS ROLES IN CLOUD COMPUTING

Cloud Architect	DevOps Engineer
Cloud Network Engineer	Cloud Administrator
Cloud Security Engineer	Threat Analyst
Cloud Consultant	Data Engineer
Cloud Developer	Cloud Data Engineer
Cloud Automation Engineer	Computer Programmer
Data science	Site Reliability Engineer
	System Administrator

COURSES IN CLOUD COMPUTING

College Name	Course Offered	Basic Entry Qualification
Indian Institute of Technology (IIT), Bombay	B.Tech/M.Tech in Computer Science (Cloud Computing)	JEE Advanced (B.Tech) / GATE
Indian Institute of Technology (IIT), Delhi	B.Tech/M.Tech in Computer Science (Cloud Computing)	JEE Advanced (B.Tech) / GATE
Indian Institute of Technology (IIT), Madras	B.Tech/M.Tech in Computer Science (Cloud Computing)	JEE Advanced (B.Tech) / GATE
National Institute of Technology (NIT), Trichy	B.Tech in Computer Science (Cloud Computing)	JEE Main
Motilal Nehru National Institute of Technology, U.P.	B.Tech in Computer Science (Cloud Computing)	JEE Main

OTHER TRAINING PROVIDERS OFFERING COURSES ON CLOUD COMPUTING

Course Provider	Course Name	Focus	Duration	Price (INR)
Udemy	AWS Certified Solutions Architect - Associate SAA-C02	AWS Cloud Architecture	Self-paced	₹1,499 onwards
Simplilearn	Microsoft Azure Architect Technologies	Microsoft Azure Architecture	6 Months	₹35,000 onwards
A Cloud Guru	Google Cloud Platform Fundamentals	Google Cloud Platform	Self-paced	₹10,000 onwards (estimate)
AWS Training	AWS Cloud Fundamentals	Foundational AWS Services	1 Day	Free
Microsoft Azure	Microsoft Azure AZ-900 Fundamentals	Microsoft Azure Basics	Self-paced	Free
Google Cloud Platform	Google Cloud Platform Fundamentals	Google Cloud Platform Basics	Self-paced	Free
UpGrad	Post Graduate Diploma in Cloud Computing	Comprehensive Cloud Knowledge	12 Months	₹1,35,000 onwards
NIIT	Cloud Computing with AWS, Azure & GCP	Multiple Cloud Platforms	Varies	Varies
Great Learning	PG Program in Cloud Computing with Specialization	Specialization options (Security, DevOps etc.)	6 Months	₹50,000 onwards

INTERNATIONAL CERTIFICATIONS IN CLOUD COMPUTING

- 1. AWS Certification:**
- 2. Google Cloud Certification:**
- 3. Microsoft Azure Certification:**
- 4. CompTIA Cloud+:**
- 5. Certified Cloud Security Professional (CCSP):**



HOW TO VISIT NICS, NOIDA



TO CONTACT

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