

# Cloud Computing Training

**Industry-Ready IT Skills | Live Projects | Placement Support**



**NexGenITLabs**

We are committed to transforming learners into confident, industry-ready professionals. This program is structured to bridge the gap between academic learning and the real expectations of the corporate world. Whether you're a fresher or looking to transition into IT, this is your opportunity to gain practical skills, confidence, and professional competency.



**Expert Solution Architect & Corporate Trainer**

With over 15 years of IT experience, our instructor has served as a Solution Architect across leading global organizations, delivering enterprise-scale solutions. His expertise includes application development, cloud engineering, DevOps, microservices, and AI-driven systems.

 **For Registration and Demo**

 **Contact: +91-8431893406, 9844551434**

 **Email: support@nexgenitlabs.com**

**Seats are limited - enroll now to secure your spot and begin your journey toward a successful career in IT.**



## **Training Mode & Duration**

 **Mode: Offline & Online (Flexible Learning Options)**

 **Duration: 8-12 Weeks**

 **Batch Schedule: Multiple batches available to suit your timing**

## Training Modules

### 1. Introduction to Cloud Computing

- What is Cloud Computing?
- Cloud Service Models (IaaS, PaaS, SaaS)
- Cloud Deployment Models (Public, Private, Hybrid)
- Virtualization & Containers Basics

### 2. Core Cloud Concepts

- Compute, Storage, Networking
- Identity & Access Management (IAM)
- Load Balancing & Auto Scaling
- Monitoring & Logging

### 3. AWS Cloud (Most Demanded)

- EC2, S3, VPC
- IAM Users, Roles & Policies
- RDS & DynamoDB Basics
- Elastic Load Balancer
- Lambda & Serverless Basics
- CloudWatch, CloudTrail
- Deploying applications in AWS

### 4. Azure Cloud

- Azure Virtual Machines
- Blob Storage
- Virtual Networks (VNet)
- Azure Functions (Serverless)
- Azure Monitor

### 5. Google Cloud Platform (GCP)

- Compute Engine
- Cloud Storage
- IAM & Networking Basics
- App Engine & Cloud Functions

### 6. DevOps + Cloud Integration

- CI/CD Basics
- Using GitHub Actions / Jenkins with Cloud
- Infrastructure as Code (IaC: Terraform Basics)
- Docker & Kubernetes on Cloud
- Cloud Deployment Pipelines

### 7. Security & Compliance

- Identity & Access Management
- Data Encryption
- Network Security Groups / Firewalls
- Cloud Cost Optimization
- Shared Responsibility Model

### 8. Cloud Architecture Basics

- High Availability
- Fault Tolerance
- Scalability
- Cloud Design Patterns

### 9. Cloud Tools & Services

- APIs & SDKs
- CLI Tools (AWS CLI, Azure CLI, gcloud)
- Storage Types (Object, Block, File)

### 10. Hands-on Projects

- Host a website on cloud
- Deploy a serverless API
- Build a 3-tier cloud architecture
- Cloud database + backend project
- Cloud monitoring setup

**Build Skills. Build Confidence. Become Industry-Ready**