



Take Control, Shift your career into Tech

Cloud Engineer in 30 days



Master Cloud Engineer Program

Become an AWS Solutions Architect Associate in 30 Days



Is This Program Right for You?

This program is designed for individuals at various stages of their career, providing a clear pathway to mastering cloud fundamentals and advancing in the tech industry.

It's perfect for:

Beginners and Fresh Graduates

If you're having basics in IT and eager to build a strong foundation in core areas of Cloud, this course will guide you step-by-step.

Career Changers

Looking to transition into the Cloud field? This program covers everything you need to gain the knowledge, certifications, and confidence to make the leap.

IT Enthusiasts Seeking Cloud Certification

If you're aiming to earn industry-recognized certifications, this program provides the preparation and resources needed to succeed.

Mid-Level Professionals Enhancing Skills

Already working in IT and want to deepen your expertise across multiple domains? This course ensures you're equipped to take on advanced roles with confidence.

If you're ready to acquire in-demand skills, gain hands-on experience, and prepare for Cloud certifications, this program is designed to set you on the path to success in the tech industry.



Why Choose the Master Cloud Engineer Program?

Our Master Cloud Engineer Program is meticulously designed to equip you with the skills and knowledge necessary to become an AWS Solutions Architect. Whether you're a beginner or a mid-level professional looking to upskill, this 30-day program prepares you for the Industry-Recognized Certifications Preparation AWS Solutions Architect Associate (SAA-C03) and real-world cloud engineering challenges.

Cloud Expertise from Scratch

Start with the basics of cloud computing and build a solid foundation in AWS infrastructure.

Fast-Track to Cloud Mastery in Just 30 Days

Level up your AWS game with this course crafted by AWS Certified Solution Architects. Dive deep into hands-on labs and master the art of building secure, resilient, high-performing, and cost-efficient cloud architectures. Nerd out like a pro in just 30 days!

Industry-Aligned Certification Prep

Comprehensive training to help you ace the AWS Solutions Architect Associate (SAA-C03) certification.

Hands-On Learning with Real-World Projects

Solve real-world problems with practical projects, lab sessions, and simulated AWS environments.

Job-Ready Skills with Career Support

We go beyond training, offering mock interviews, resume workshops, and career guidance to help you secure your dream job.



Enroll in the Master Cloud Engineer Program and start your journey today

Key Takeaways

60+ Hours of Learning

20+ Labs to Practice

2+ Real World Projects

50+ Assignments to Practice

Program Structure

Highlights

- Comprehensive AWS Training: Dive deep into AWS services like EC2, S3, RDS, and Lambda.
- Real-World Projects: Engage in capstone projects that simulate actual cloud challenges.
- Certification-Focused Curriculum: Tailored content to help you ace the AWS Solutions Architect Associate (SAA-C03) exam.
- Expert Mentorship: Learn from industry professionals with years of cloud experience.
- Hands-On Labs: Gain practical experience through guided exercises and scenario-based tasks. Benefit from expert mentorship and career support.



The course is divided into 4 phases.

Here's a more detailed, module-based breakdown for each phase of the Master Cloud Engineer in 30 days. Each phase now includes multiple modules with additional topics to provide a thorough and progressive learning experience

Phase 1

Cloud Foundations

Module 1: Introduction to Cloud Computing

- What is cloud computing?
- Understanding cloud concepts: IaaS, PaaS, SaaS.
- Benefits of cloud computing and the AWS ecosystem.
- Benefits of moving to the cloud.

Module 2: AWS Fundamentals

- Setting Up AWS Account
- Global Infrastructure, Availability Zones, and Regions
- Introduction to core AWS services (EC2, S3, RDS).
- Navigating the AWS Management Console, CLI and SDK

Module 3: Identity and Access Management (IAM)

- What Is IAM?
- AWS Organizations
- Policy Evaluation Logic
- IAM Identity Center
- Amazon Cognito
- Access Analyzer
- IAM Policies



- Configuring IAM users, groups, and roles.
- IAM Security tools
- IAM Roles
- Restricting Policies
- Implementing least privilege and secure access control.

Phase 2

Building Blocks of AWS

Module 4: Compute and Storage Services

- Launching and managing EC2 instances.
- Elastic Container Service
- Lambda Functions
- Understanding Elastic Block Store (EBS) and S3 buckets.
- Managing data lifecycle policies with S3.

Module 5: Networking in AWS

- Configuring Virtual Private Cloud (VPC), subnets, and routing tables.
- Setting up Internet Gateways, NAT Gateways, and VPN connections.
- NACL and Security Groups
- VPC Peering and Transit Gateway
- AWS PrivateLink and VPC Endpoints
- Bastion Hosts and EC2 Instance Connect Endpoint
- VPC Flow Logs and VPC Traffic Mirroring
- AWS Site-to-Site and Client VPN
- Direct Connect
- Understanding DNS with Route 53.

Module 6: Storage Services Overview



- Introduction to S3, EBS, and EFS
- S3 Access Management
- S3 Lifecycle Rules and Object Storage Classes
- S3 Static Website Hosting
- S3 Events and Batch Operations
- Amazon FSx and AWS Storage Gateway
- Summary and Quiz
- Backup and Recovery
- AWS Backup
- Disaster Recovery Strategies with S3 and Glacier
- Summary and Quiz

Module 7: Database Services

- Configuring and managing RDS and DynamoDB.
- Optimizing database performance and implementing backups.

Phase 3

Advanced AWS Architecture

Module 8: Designing for High Availability and Fault Tolerance

- Auto Scaling groups and Load Balancers (ALB, NLB).
- Configuring Multi-AZ and Read Replicas for RDS.
- Disaster recovery and backup planning.
- Implementing Elastic File System (EFS) for scalable storage.

Module 9: Serverless Architectures

- Designing serverless solutions with Lambda, API Gateway, and DynamoDB.
- Building event-driven workflows with Step Functions.
- Automating deployments using AWS CloudFormation and Terraform.



Module 10: Application Integration Basics

- Amazon SQS and SNS
- AWS Step Functions and Fanout Architecture
- Amazon MQ and AppFlow
- Summary and Quiz

Module 11: Containers in AWS

- Elastic Container Service (ECS)
- Elastic Kubernetes Service (EKS)

Module 11: Cost Optimization

- AWS pricing models: On-demand, Reserved Instances, and Spot Instances.
- Using AWS Cost Explorer and budgets.
- Architecting cost-effective solutions.

Phase 4

Security and Deployment

Module 12: AWS Security and Compliance

- AWS Key Management Service (KMS)
- AWS Secrets Manager
- Amazon Macie
- AWS Security Hub and GuardDuty
- Amazon Inspector
- Summary and Quiz



Module 13: Deployment Services

- AWS Elastic Beanstalk
- AWS App Runner

Module 14: Infrastructure as Code with CloudFormation

- Working with CloudFormation Templates
- Change Sets and Stack Policies
- Summary and Quiz

Module 15: Analytics and Content Delivery

- Amazon CloudFront and Global Accelerator
- AWS Glue and Redshift
- Amazon Kinesis

Phase 5

Certification Prep and Capstone Projects

Module 16: AWS Solutions Architect Associate Exam Preparation

- Comprehensive review of SAA-C03 exam objectives.
- Practice exams and tips for success.

Module 17: Capstone Projects

- Project 1: Design and deploy a secure, multi-tier web application architecture.
- Project 2: Implement a serverless photo-sharing application with Lambda and S3.
- Project 3: Build a cost-optimized disaster recovery plan using AWS