Servarc Cloud Engineer Accelerator (2026 Edition)

Program Overview

Duration: 12 Weeks
Format: Live Virtual (Recorded Sessions Included)
Outcome: Production-Ready AWS Cloud Engineer
Certification Focus: AWS Solutions Architect Associate

This immersive 12-week accelerator transforms beginners and career changers into job-ready
Cloud Engineers with hands-on real-world projects, automation skills, and portfolio development.

Week 1 – Cloud Foundations & IAM Security

- Cloud computing models (IaaS, PaaS, SaaS)
- AWS global infrastructure
- IAM users, roles, policies, MFA
- AWS CLI setup
- Project: Secure IAM environment deployment

Week 2 – Networking & VPC Architecture

- VPC design, subnets, route tables
- Internet & NAT gateways
- Security groups vs NACL
- Bastion host setup
- Project: 3-tier production VPC

Week 3 – Compute & Load Balancing

- EC2 deep dive
- Auto Scaling Groups
- Application Load Balancer
- AMI management
- Project: Highly available web app

Week 4 – Infrastructure as Code (Terraform)

- Terraform fundamentals & modules
- Remote state (S3 + DynamoDB)
- Environment separation
- Project: Rebuild infrastructure using Terraform

Week 5 – Storage & Databases

- S3 advanced configurations
- RDS Multi-AZ deployment
- DynamoDB basics
- Project: Secure database deployment

Week 6 – Containers & ECS

- Docker fundamentals
- ECS architecture
- Containerized application deployment

Week 7 – Kubernetes & EKS

- EKS cluster deployment
- Helm & Ingress
- Horizontal Pod Autoscaling
- Project: Microservices deployment

Week 8 – CI/CD & DevOps Automation

- GitHub Actions
- CI/CD pipelines
- Blue/Green deployments
- Project: Automated deployment pipeline

Week 9 – Monitoring & Observability

- CloudWatch & CloudTrail
- Prometheus & Grafana
- Project: Monitoring stack implementation

Week 10 – Security & Cost Optimization

- AWS security best practices
- GuardDuty & Config
- FinOps principles
- Project: Security audit & cost optimization

Week 11 – Capstone Project

- Design full production architecture
- Deploy using Terraform
- Implement CI/CD, monitoring & security

Week 12 – Career Launch & Exam Prep

- AWS exam preparation
- Resume & LinkedIn optimization
- Mock technical interviews
- Job application strategy

Program Deliverables

- Production-ready GitHub portfolio
- Capstone cloud architecture deployment
- CI/CD pipeline project
- Optimized resume & LinkedIn profile
- Mock interview evaluation
- AWS certification readiness roadmap