### 1. Hero Section

#### Headline:

Become a Cloud & DevOps Expert in 7 Months

#### Subheadline:

Master AWS, DevOps tools, cloud security, virtualization, CI/CD, and deployment automation. A job-ready, project-based certification for aspiring Cloud Engineers, DevOps Specialists, and Architects.

☑ Duration: 28 Weeks | 📦 8 Modules | 🔆 20+ Hands-On Projects | 📄 Certification on Final Exam Clearance

#### **CTA Buttons:**

Apply Now | Download Brochure | Book a Free Demo

# 2. Why Choose This Program?

- V Aligned with AWS Solutions Architect Associate Certification
- Value Hands-on Learning: 20+ Projects Across AWS, DevOps, and Cloud
- V Learn DevOps Tools Docker, Git, Jenkins, Kubernetes, Terraform
- Covers Cloud Security, Virtualization, Migration, Load Balancing
- V Final Exam + Certification with Portfolio
- Career Mentorship: GitHub, Resume, Mock Interviews

(Whatsapp button )

# 3. Who Should Enroll?

This course is ideal for:

IT professionals wanting to move into cloud and DevOps roles

- Developers, System Admins, or Engineers upgrading to cloud-native tools
- Freshers and graduates looking for a career in cloud infrastructure
- Anyone preparing for AWS certification and real-world DevOps roles

# 4. Program Overview

| Duration | Format             | Outcome  |
|----------|--------------------|--|
| 28       | 100% Online + Live | Industry Certification + Portfolio + Interview |
| Weeks    | Mentorship         | Readiness                                      |

#### You'll learn to:

- Design, deploy & manage scalable cloud systems
- Use key DevOps tools for CI/CD and automation
- Architect secure, high-performance cloud applications
- Prepare for AWS certification + hands-on project deployment

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# 5. Se Curriculum Structure

• AWS Core Services: EC2, S3, VPC, RDS, IAM

Module 1: AWS Solutions Architect Associate Certification

- Load Balancing, Autoscaling, Monitoring
- AWS Migration & Automation
- DevOps Concepts on AWS
  - Projects: 3+ Real-world use cases

### Module 2: Virtualization

- Types of Virtualization Full vs Para, Type 1 vs Type 2
- VM Lifecycle, AMI, Instance Management
- Containerization Concepts + Lifecycle

Projects: 4

### Module 3: Migration & Fault Tolerance

- Virtual Machine Migration Techniques
- High Availability Architectures
- Designing Fault-Tolerant Systems

Projects: 4

# Module 4: Resource Management & Load Balancing

- Dynamic Provisioning, Scheduling, Capacity Planning
- Server Consolidation
- Load Balancing Techniques

Projects: 3

# Module 5: DevOps Tools & CI/CD Pipeline

- Git & GitHub Version Control
- Docker Containers & Kubernetes Orchestration
- Jenkins, Puppet, Ansible

- Selenium Testing, ELK Monitoring
- Terraform for IaC

Projects: 6+

### Module 6: Parallel Computing

- Amdahl's Law, Moore's Law
- Dependency Analysis
- Hardware & Software Architectures for Parallelism
- Performance Optimization Models
  - Projects: 3

### Module 7: Distributed Computing

- Distributed Systems Architecture
- Client-Server vs Peer-to-Peer Models
- RPC, Parallel vs Distributed Architecture
  - Projects: 2

# ₩ Module 8: Cloud Security

- Cloud Computing Threats & Risk Mitigation
- Serverless Computing Risks
- Cloud Hacking Prevention
  - Projects: 4

# 6. X Tools & Platforms You'll Master

- AWS (EC2, S3, IAM, RDS, VPC)
- Docker, Kubernetes
- Git, Jenkins, Puppet, Ansible
- Terraform, ELK Stack, Selenium
- Linux (Ubuntu), Cloud CLI
- DevOps Automation Tools
- Cloud Monitoring & Security Suites

(Whatsapp button )

# 7. 🔬 Projects You'll Build

- Scalable E-commerce App on AWS
- CI/CD Pipeline with Jenkins & Docker
- Cloud Resource Monitoring with ELK
- GitOps Workflow using Git + Terraform
- VPC with Subnetting + Autoscaling Deployment
- Ansible-based Infrastructure Setup
- Parallel Computing Simulation
- Distributed Microservice Demo
- Secure Serverless App with Cloud IAM

# 8. **Ortification & Final Exam**

- Final Certification is awarded only after:
  - Completion of all modules
  - Submission of all assigned projects
  - Clearance of Final Exam & Portfolio Review

Certification is accompanied by GitHub-verified code + project repository and personalized LinkedIn optimization.

# 9. eareer Outcomes

You'll be job-ready for roles such as:

- Cloud Solutions Architect
- DevOps Engineer
- Cloud Infrastructure Engineer
- Site Reliability Engineer (SRE)
- Systems Administrator Cloud
- Platform Engineer
- Cloud Security Specialist
- 💸 Expected Salary Range: ₹6–22 LPA in India | \$100K+ globally

(Whatsapp button)

# 10. Program Fees & Payment Options

Plan Amount

Full Course ₹1,40,000

Fee

EMI Option Starting at ₹11,667/month\*

### Scholarships Available For:

- Women in tech
- Students from tier 2/3 cities
- Defense/government employees
- Early bird discounts

# 11. **Mathematical Admission Process**

- 1 Fill the Application Form
- 2 Submit Basic Details + Resume
- 3 Pay Full/EMI Fees
- 4 Upload Documents (ID + Education Proof)
- 5 Get Access to LMS & Begin Learning

# 12. ? Frequently Asked Questions (FAQs)

### Q: Is this course beginner-friendly?

Yes, we start from core cloud concepts and progress into advanced tools.

### Q: Is this aligned with AWS Certification?

Yes, it includes full preparation and training for the AWS Solutions Architect Associate exam.

### Q: Do I get project-based learning?

Absolutely. You'll build over 20 real-world projects.

### Q: Is job placement support included?

Yes — includes resume building, mock interviews, GitHub support & referrals.

### Q: Is the certification recognized?

Yes, your final certificate is industry-recognized and validated with project proof.

# 13. Contact Nextskilledge

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### 14. A Final CTA Banner

### Launch Your Career in Cloud & DevOps Engineering

Get hands-on with AWS, DevOps tools, and Cloud Security in just 7 months with Nextskilledge's Certification Program.

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