



Technical Guftgu

Established under Ministry of Micro, Small and Medium Enterprises, Govt. of India)

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- ✓ Certificate provided
- ✓ Recordings Provided
- ✓ In Hindi/Urdu
- ✓ Expert Trainers

AWS Certified DevOps Engineer - Professional

1. Introduction to AWS DevOps

- Overview of DevOps
- Benefits of DevOps
- AWS DevOps Tools and Services

2. Core DevOps Concepts

- Continuous Integration (CI)
- Continuous Delivery (CD)
- Infrastructure as Code (IaC)
- Monitoring and Logging
- Security and Compliance in DevOps

3. AWS DevOps Tools

- AWS CodePipeline
 - Setting up CodePipeline
 - Integrating with other AWS services
- AWS CodeBuild
 - Build project setup
 - Custom build environments
- AWS CodeDeploy
 - Deployment configurations
 - Blue/Green deployments
- AWS CodeCommit
 - Repository management
 - Integration with CI/CD pipelines
- AWS CodeStar

- Creating projects
- Managing teams and roles

4. Infrastructure as Code (IaC) on AWS

- AWS CloudFormation
 - Writing CloudFormation templates
 - Stacks and stack sets
- AWS Cloud Development Kit (CDK)
 - Writing CDK scripts
 - Using CDK with different languages
- Terraform on AWS
 - Setting up Terraform
 - Writing and applying Terraform configurations

5. Configuration Management

- AWS OpsWorks
 - Chef and Puppet integration
 - Managing OpsWorks stacks and layers
- AWS Systems Manager
 - Parameter Store
 - Patch Manager
 - Automation

6. Monitoring and Logging

- Amazon CloudWatch
 - Metrics and dashboards
 - Alarms and events
- AWS CloudTrail
 - Logging API calls
 - Integrating with CloudWatch
- AWS X-Ray
 - Tracing applications
 - Analyzing performance

7. Security in DevOps

- AWS Identity and Access Management (IAM)
 - Managing users and roles
 - Implementing least privilege
- AWS Key Management Service (KMS)
 - Managing encryption keys
- AWS Secrets Manager

- Storing and retrieving secrets

8. Automation and Orchestration

- AWS Lambda
 - Writing Lambda functions
 - Event-driven automation
- AWS Step Functions
 - Creating state machines
 - Integrating with other AWS services

9. Continuous Testing

- Automated Testing Strategies
- Integrating Testing with CI/CD Pipelines

10. Cost Management in DevOps

- Monitoring AWS usage and costs
- Optimizing resources
- Implementing cost-saving measures

KEY HIGHLIGHTS OF THIS TRAINING PROGRAM:

- ✓ *Entire training programme is in Hindi Language for Better understanding.*
- ✓ *Special focus on Non technical and Fresher candidates.*
- ✓ *Resume Preparation for Fresher's and Experienced Both.*
- ✓ *Provides Recording of each live session which you can access from anywhere anytime for One year.*
- ✓ *Interview Cracking tips during live sessions.*
- ✓ *Provide complete notes and books for exam Preparation.*
