

DEVOPS Engineer

Become a Certified Engineer



"Master Technology, Master Your Future!"

REXTON IT SOLUTIONS

C-28, Sector-2 , Noida-201301

+91 9999-0511-50

Successful future in the IT industry



- ✓ **Cloud Computing Expertise**
- ✓ **Cyber Security Skills**
- ✓ **DevOps and Automation**
- ✓ **Networking and Security**
- ✓ **Data Science and Analytics**

Set 2 Milestones

Training Program Goal

Rexton IT offers specialized Cloud engineer training designed to equip professionals with the skills needed to excel in modern Cloud environments. In today's rapidly evolving technological landscape, cloud computing has become an essential service for businesses of all sizes. The major cloud providers, including Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform (GCP), DEVOPS, KUBERNETES offer comprehensive solutions that empower organizations to scale, secure, and innovate.

Rexton IT has recognized the growing demand for cloud expertise and has developed specialized cloud training programs to equip IT professionals with the skills they need to succeed in a cloud-first world. The training includes real-world scenarios to help engineers troubleshoot and optimize network and cloud performance.



Learn From Certified



Learn One to One



24X7 Access Support

Get a Successful Career–

- Here are some strategies to enhance your IT career:
- focused on building a successful career in IT!



3 in 1 Combo– Three Powerful Certifications



AWS CLOUD

**Cloud
Engineer**



DEVOPS

**Devops
Engineer**



KUBERNETES

**Cloud & Devops
Engineer**

The Rexton AWS, AZURE, DEVOPS and KUBERNEES Combo Course is designed for IT professionals seeking to enhance their skills in cloud security, and advanced automation management. This course combines three powerful certifications, providing a comprehensive learning path that covers a wide range of essential technologies, from foundational networking to advanced security practices.

Boost Your Skills

Learn Advance

Why Training with Rexton?

We want to make
–positive impact

- **Industry Expertise:** Courses led by experienced professionals.
 - **Customized Learning:** focusing on key skills relevant to career goals.
 - **Hands-On Experience:** Practical labs, scenario-based learning.
 - **Recorded Sessions:** Continued access to resources and instructor assistance.
 - **Job Opportunities:** During the training, helping expand career and job options.
 - **Certifications Pass Guarantee:** Training that prepares participants for globally.
 - **Flexible Learning:** Various modes of training – online, classroom, or hybrid formats.
- 

Career Solution-Steps

ONLY in 90 Days

Career Transformation
with-in 90 Days

> JOIN TRAINING

our career expert help to join the training.

> LEARN ADVANCE

Learn advance training, and get real time experience.

> INTERVIEW

We will conduct your interview in training period.

> GET JOB

You will get job in the training duration

Unlimited- Access

Practical Training

Unlimited Revision

Live Training

Unlimited Interview

Recording Access

Lab Access@24

Rexton IT offers unlimited interview preparation and recording sessions, helping professionals ace their job applications with confidence. Our comprehensive service allows users to participate in as many mock interviews as needed, honing their communication skills and refining answers to potential questions. Each session is recorded, providing valuable feedback for improvement. Whether you're a seasoned professional or just starting, Rexton IT's expert coaching will boost your interview performance, ensuring you're fully prepared for any scenario. Get personalized, real-time insights to strengthen your interview techniques and increase your chances of landing your dream job!

DEVOPS Training Content-

Overview of DevOps

- **Goal:** In this module, you will be introduced to the DevOps environment.

Objectives: After completing this module, you should be able to

Understand the benefits of DevOps over other software development processes

Gain insights into the DevOps environment

Get an overview of different DevOps Tools

Get a picture of the working of the DevOps Delivery Pipeline

Topics:

Introduction to DevOps

Benefits of working in a DevOps environment

DevOps Lifecycle

DevOps Stages

DevOps Delivery Pipeline

Version Control with Git

- **Goal:** In this module, you will gain insights into Source Control Management and learn the functionalities of Git.

Objectives: After completing this module, you should be able to

Understand Version Control

Perform management of files for small as well as large projects

Perform various Git commands such as git add, git fetch, git commit, git init, etc.

Work with remote repositories

Topics:

Version Control

Git Introduction

Git Installation

Commonly used commands in Git

Working with Remote repository

Hands On:

Git Common Commands

Working with Remote Repository

Git, Jenkins & Maven Integration

- **Goal:** In this module, you will learn about the different actions performed through Git

Introduced to Jenkins and Maven.

Objectives: After completing this module, you should be able to:

Execute branching and merging operations
Perform various Git commands
Understand Maven Architecture and dependencies
Learn about Continuous Integration & its importance
Understand Jenkins and its features

Topics:

Branching and merging in Git
Merge Conflicts
Stashing, Rebasing, Reverting and Resetting
Git Workflows
Introduction to Maven
Maven Architecture
Introduction to Continuous Integration
Introduction to Jenkins

Hands On:

Branching and Merging
Merge Conflicts
Stashing, Rebasing, Reverting, and Resetting
Configuring Maven

Continuous Integration using Jenkins

- **Goal:** In this module, learn how to perform Continuous Integration by building applications with the help of Maven and create deployment pipelines using Jenkins.

Objectives: After completing this module, you should be able to

Managing authorization in Jenkins
Jenkins notification management
Master-slave architecture in Jenkins
Add a slave node to Jenkins master
Build and deploy codes using Jenkins
Build pipeline plugin in Jenkins
Use Declarative pipeline in Jenkins

Topics:

Jenkins Architecture
Plugin Management in Jenkins
Jenkins Security Management
Notification in Jenkins
Jenkins Master-slave architecture
Jenkins Delivery Pipeline
Jenkins Declarative pipeline

Hands On:

Create pipeline view
Adding Slave node in Jenkins
Build declarative Pipeline project

Configuration Management Using Ansible

- **Goal:** Learn how to manage and configure your infrastructure using Ansible Ad-Hoc commands, Playbooks, and Roles.

Objectives: After completing this module, you should be able to

Utilize Ansible CLI
Execute Ansible Ad-Hoc Commands for one-off tasks
Automate host servers using Ansible Playbooks
Use Variables in Playbooks
Using Handlers

Topics:

Introduction to Configuration Management
Infrastructure as Code
Introduction to Ansible
Ansible Architecture
Inventory Management
Ansible Modules
AD-HOC Commands
Ansible Playbooks
Ansible Roles

Hands On:

Ad-Hoc Commands
Running a Simple Playbook
Using Variables and handlers
Using Ansible Roles

Containerization using Docker Part – I

- **Goal:** This module introduces learners to the core concepts and technology behind Docker. Learn in detail about containers and various operations performed on them.

Objectives: After completing this module, you should be able to

Understand Containerization
Learn the evolution of virtualization to containers
Understand the Docker Architecture
Perform Various actions using Docker CLI
Bind container ports to the Machine ports
Run containers in different modes
Write and build a Dockerfile to create a Docker Image

Topics:

Containerization
Namespaces
Docker
Docker Architecture
Container Lifecycle
Docker CLI
Port Binding
Detached and Foreground Mode
Dockerfile
Dockerfile Instructions
Docker Image

Hands On:

Docker CLI Commands
Port Binding
Starting Containers in Different Modes
Writing a Dockerfile to Create an Image

Containerization using Docker Part – II

- **Goal:** Learn how to use Docker Hub registry, deploy a multi-tier application using Docker Compose, and create a swarm cluster.

Objectives: After completing this module, you should be able to

Use Docker Hub to store custom Images
Store data in Container Volumes for persistent storage
Setup Docker Compose
Deploy a multi-container application using Docker Compose
Deploy a Swarm Cluster

Topics:

Docker Registry
Container Storage
Volumes
Docker Compose
Docker Swarm

Hands On:

Setting up Docker Hub
Docker Volumes
Installing Docker Compose
Installing a Multi-Container Application using Compose

Orchestration using Kubernetes Part - I

- **Goal:** In this module, you will learn about Container Orchestration and Basic of container Management using Kubernetes.

Objectives: After completing this module, you should be able to

Understand Container Orchestration
Learn about Kubernetes Core Concept
Deploy Pods
Create Deployments to manage Pods
Launch DaemonSets for Background applications
Update and Rollback your Deployments
Scale your containerized Applications

Topics:

Introduction to Container Orchestration
Kubernetes Core Concepts
Understanding Pods
ReplicaSet and Replication Controller
Deployments
DaemonSets
Rolling Updates and Rollbacks
Scaling Application

Hands On:

Kubectl Common Commands
Deployments
DaemonSets
Rolling-update and Rollbacks
Scaling in Kubernetes

Orchestration using Kubernetes Part - II

- **Goal:** Learn and deploy different service discovery mechanisms, utilize Volumes for persistent storage And deploy StatefulSets for stateful applications.

Objectives: After completing this module, you should be able to

Deploy different Kubernetes Services
Utilize Volumes to store Persistent Data
Create Persistent Volume Claims to attach volumes to Pods
Understand Persistent Volume Claims Primitives
Use Headless Services in Stateful Sets
Deploy Helm Charts

Topics:

Services
Persistent Storage in Kubernetes
Primitives for Persistent Volume Claims
Secrets and ConfigMaps
Headless Services
StatefulSets
Helm Charts
Hands On:
Deploying Services
Persistent Volumes and Persistent Volume Claims
StatefulSets
ConfigMaps and Secrets

Monitoring using Prometheus and Grafana

- **Goal:** In this module, you will learn how to collect, monitor, and visualize data using Prometheus and Grafana.

Objectives: After completing this module, you should be able to

Understand Continuous Monitoring
Use Prometheus to monitor services
Create an alerting mechanism using Prometheus
Deploy Grafana dashboards to visualize data
Integrate Prometheus and Grafana to monitor a full pipeline

Topics:

Introduction to Prometheus and Grafana
Prometheus and Grafana Setup
Monitoring using Prometheus
Dashboard Visualization using Grafana
Creating a Dashboard to monitor the Pipeline

Provisioning using Terraform Part – I

- **Goal:** Learn how to provision and manage infrastructure on a Cloud Platform (AWS) using Terraform Configuration Files.

Objectives: After completing this module, you should be able to-

Understand Provisioning using Terraform
Learn the Difference between Terraform vs Ansible
Understand Terraform Architecture
Deploy a Terraform Configuration File
Use Basic Terraform Commands
Manage Terraform Resources

Topics:

Introduction to Terraform
Terraform vs Ansible
Terraform Architecture
Terraform Configuration
Terraform Common Commands
Managing Terraform Resources

Hands On:

Setting Up AWS and Terraform
Executing a Terraform Configuration
Managing Terraform Resources
Referencing Terraform Resources

Provisioning using Terraform Part - II

- **Goal:** Use Terraform State commands to manage the current state of your infrastructure. Deploy a Fully usable and working infrastructure using Terraform.

Objectives: After completing this module, you should be able to

Perform Terraform State Commands
Deploy a Terraform Project on AWS

Topics:

Terraform State
Terraform Project
Hands On: Terraform State Commands ,Terraform Live Project

Learn More Advance-Tools



TERRAFORM

KUBERNETES

OPENSIFT

ANSIBLE

AWS-DEVOPS

AZURE-DEVOPS

Combo- Training Offer

**SUPER
DEAL**

Combo Training

- AWS CLOUD + DEVOPS
- AWS CLOUD + AZURE CLOUD
- AWS CLOUD + AZURE CLOUD + DEVOPS
- AWS CLOUD + DEVOPS + KUBERNETES
- AZURE CLOUD + DEVOPS + KUBERNETES
- CLOUD SECURITY + DEVOPS SECURITY (DEV-SEC-OPS)

Certification Pass- Guaranteed

Training Duration and Exam Cost

Training	Duration	Exam Cost
DEVOPS	40 Hours	-
AZURE CLOUD-104	40 Hours	58\$
AWS CLOUD-SAA	40 Hours	150\$
AWS CLOUD-SAP	40 Hours	300\$
KUBERNETES (on Prem)	40 Hours	395\$
DEV-SEC-OPS (SECURITY)	40 Hours	300\$
AWS+AZURE CLOUD SECURITY	50 Hours	58\$ / 150\$
CYBER SECURITY	120 Hours	-

Dev-Ops & Cloud Certification-

**BECOME A CERTIFIED
AWS SOLUTIONS ARCHITECT
ASSOCIATE**

**SAA - C03
45 DAYS
TRAINING**



**BECOME A CERTIFIED
AWS SOLUTIONS ARCHITECT
PROFESSIONAL**

**SAP - C02
30 DAYS
TRAINING**



BECOME A CERTIFIED

**DEVOPS
ENGINEER**

**DEVOPS
45 DAYS
TRAINING**



BECOME A CERTIFIED

**KUBERNETES
ENGINEER**

**KUBERNETES
45 DAYS
TRAINING**



Other IT Certification

BECOME A CERTIFIED

SECURITY ENGINEER

CCNA+CCNP+PALOALTO

120 DAYS COURSE

30% OFF



BECOME A CERTIFIED

CYBER SECURITY ANALYST

CYBER SECURITY

150 DAYS COURSE

30% OFF



BECOME A CERTIFIED

SERVER ADMINISTRATOR

SERVER 2019

90 DAYS
TRAINING



BECOME A CERTIFIED

DATA SCIENTIST

DATA ANALYTICS+ML

150 DAYS COURSE

30% OFF



Learn more with us !

REXTON IT Solutions



www.rextonitsolutions.com



contact@rextonitsolutions.com



9999-05-1150

REXTON IT

Thank You

REXTON IT SOLUTIONS

C-28, Sector-2 , Noida-201301

+91 9999-0511-50

