



# IT SOLUTIONNZ

Implementations

Integrations

Interfaces

*We lead your steps to success*

## **AWS DEVOPS**

**i3 IT Solutionz** is providing **AWS DEVOPS** training by Faculty **Mr. Madhu Kiran**, having **10+ Years of Experience**. With his subject knowledge and training, the aspirant candidates can look forward to work on **Real Time Projects**. He is one of the leading faculty in **Hyderabad** in **AWS DEVOPS** training

### Faculty Overview

**Mr. Madhu Kiran**  
**10+ Years of Experience**

### Course Duration

**3 Months**

*Integrations Implementations Interfaces*



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## **AWS DEVOPS COURSE CONTENT**

### **Linux**

- Linux Introduction
- Difference B/W Windows and Linux
- What Is Linux Architecture?
- What Is Linux File System?
- Linux Commands
- Linux Shell Script

## **Amazon Web Services (Aws) Solution Architect**

### **➤ Introduction To Cloud Computing**

- A Short History
- Client Server Computing Concepts
- Challenges With Distributed Computing
- Introduction To Cloud Computing
- Why Cloud Computing?
- Benefits Of Cloud Computing

### **Cloud Delivery/Service Models**

- Software As Service (SAAS)
- Platform As Service (PAAS)
- Infrastructure As Service (IAAS)

### **Amazon Web Services**

- Introduction To Aws Services
- Amazon Elastic Compute Cloud (Ec2)

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- Providing Securities with Keys
- Amazon Simple Storage Service (S3)
- Elastic Block Storage (EBS)
- Elastic Load Balancing (EIB)
- Auto Scaling
- Identify And Access
- Virtual Private Cloud (VPC)

## Git

- Introduction, Basic Concept, Lifecycle
- Installation, Configuration
- Git Stages
- Git Ssh
- Git Commands Push & Pull
- Git Branching Strategy
- Git With Devops Team Management
- Forking A Repository
- Tagging Commits
- About Version Control System And Types
- Git Features
- Installing Git
- Creating Repository
- Fetch Pull and Remote
- Creating The Branches, Switching The Branches, Merging The Branches
- Git Clone, Fetch, Pull
- Git Rebase & Merge
- Git Stash, Reset, Checkout
- Security



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## Maven

- Build Tools-Maven
- Maven Introduction
- Maven Installation
- Maven Build Requirements
- Maven Pom Builds (Pom. Xml)
- Maven Build Life Cycle
- Maven Plugins
- Maven Repository's

## Apache Tomcat

- Tomcat Installation Windows and Linux
- Tomcat User Creation and Port Change
- Package Deployment and Checking Logs

## Nexus Repository

- Nexus Installation
- Nexus Repository Creation
- 3. Nexus Integration with Maven

## Jenkins

- Introduction
- Installation & Configuration
- Managing Plugins
- Plugins Setup
- Integrate With Tools
- Creating Jobs
- Schedule Jobs Using Poll SCM and Crontab and Webhooks
- Build Pipeline Groovy



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- Email Notification
- Master And Nodes

## Ansible

- Introduction
- Setup Ansible on VMS'S and EC2 Instances
- Ansible ADHOC Commands and Inventory File
- Dynamic Inventory Files
- Ansible Modules
- Ansible Playbooks
- Deploying Web Applications in Ansible

## Docker

- Introduction
- VM Vs Container
- Docker Architecture
- Docker Installation in Linux
- Hands-On To Docker
- Docker Hub – Uploading the Images in Docker Registry
- Creating & Building Images
- Docker Files
- Deploy Docker Container
- Docker Compose