

DEVOPS

DEVOPS-SOURCE CODE MANAGEMENT-GIT

- What is Version Control System?
- IT/GITHUB
- GITHUB Desktop
- Installation
- Configuration
- Basic Commands
- Branches
- Repositories

DEVOPS-SOURCE CODE MANAGEMENT -BITBUCKET

- What is BitBucket?
- Using Bit Bucket
- Creation of Repos
- Creation of branches
- Creation of Pipelines
- Branching
- Cloning
- Pull Request

DEVOPS-CONTINUOUS INTEGRATION TOOL-JENKINS

- What is Jenkins
- Installation
- Configuring Jenkins
- What is node
- Configuring node
- Setting up a node
- Jobs/Plugins
- Creating Application Builds
- Cloning the sample Project
- Creating the Jenkins job and Configuring a Git Repo
- Compiling in Jenkins
- Browsing the workspace in Jenkins
- App Packaging in Jenkins
- Cleaning up past build

DEVOPS-SOURCE CODE MANAGEMENT -SOURCE TREE

- What is SourceTree?
- Use cases of SourceTree
- How to Use SourceTree
- Cloning
- Pull Request

DEVOPS-MIDDLEWARE TIER- APACHE TOMCAT

- What is Apache Tomcat?
- Installation, Setup and configuration
- Running Apache Tomcat
- Jenkins Integration of Apache Tomcat

DEVOPS-SOURCE CODE MANAGEMENT -AWS CODE COMMIT

- What is AWS Code Commit?
- Using AWS Code Commit?
- Creation of IAM Code Commit Users
- SSH/HTTPS usage
- Code Commit Clone/Push

DEVOPS-ARTIFACTORY-JFROG ARTIFICATORY

- What is Artifactory
- Use Cases
- Install Artifactory
- Setup Artifactory
- Using Artifactory

DEVOPS-BUILD MANAGEMENT- MAVEN

- Automated Build Process
- Maven
- Maven Structure
- Maven Dependencies
- Maven Repositories
- Maven Plugins
- Integrated Maven Build

DEVOPS-IMAGE BUILDING TOOL –PACKER

- What is Packer?
- Why do we use Packer?
- How to Install Packer?
- Running Packer to create AWS AMI Images

DEVOPS-BUILD MANAGEMENT- AWS CODEBUILD

- What is AWS Build?
- Using AWS Code Build?
- Creation of project using Code Build

DEVOPS-PROVISIONING TOOL- TERRAFORM

- Use Cases
- Install Terraform
- Using Terraform
- Launching infra using Terraform
- Creating and Destroying Infra

DEVOPS-CONFIGURATION MANAGEMENT TOOL-CHEF

- What is Chef?
- Chef Server
- Chef Workstation
- Chef-Repo
- Chef-Client
- Server and Nodes
- What is Cookbook
- What is Knife?
- Roles
- Bootstrapping of Nodes
- Role
- Extending Chef
- Knife plugins

DEVOPS-INFRASTRUCTURE AS CODE- AWS CLOUDFORMATION

- What is CloudFormation
- Using Cloud Formation
- Stack/Template
- Cloud Formation Summary

DEVOPS-PAAS-AWS ELASTIC BEANSTALK

- What is Elastic Beanstalk
- Using Elastic Beanstalk
- Environment Provisioning

DEVOPS-CONFIGURATION MANAGEMENT TOOL-ANSIBLE

- Introduction to Ansible
- Installing Ansible
- Testing with First Ansible
- Ansible Configuration Basics
- Plays & Playbooks' basics
- Basic Play book
- Advance Playbook usage

DEVOPS-CI/CDWITHAWS CODE DEPLOY & CODE PIPELINE

- Introduction to AWS Code Deploy
- Components to AWS Code Deploy
- AppSpec File Configuration
- Deployment Using Code Deploy
- What is Code Pipeline?
- Use cases of Code Pipeline?
- Configuring Test Builds
- Performing test Builds
- Pushing App to Production

AWS LAMBDA

- Introduction to AWS Lambda
- Benefits for using AWS Lambda
- Lambda Functions
- Lambda Triggers

DEVOPS-CONTAINERIZATION- DOCKER

- What is Docker
- Installing Docker on Windows, Linux
- Docker Pull, Build, Run
- Working with images
- Container Life cycle
- Dockerfile
- Pushing App to GitHub
- Configuring Test Builds

SERVERLESS COMPUTING WITH AWS LAMBDA

- Introduction to Serverless Computing
- Serverless with AWS Lambda
- Real Time applications with AWS Lambda
- How to trigger Lambda with S3 Bucket?



DEVOPS-CONTAINER ORCHESTRATION-KUBERNETES

- What is Kubernetes?
- Kubernetes Architecture
- Nodes
- Pods
- Services and Deployment
- Installation of Kops, Kubectl
- Pushing App to Kubernetes Cluster

DEVOPS-CONTINUOUS CODE INSPECTION-SONARQUBE

- What is SonarQube?
 - How to use SonarQube?
 - Installation on SonarQube?
-

BOOST YOUR CAREER



TechnoKraft
TRAINING & SOLUTION PVT. LTD

Give your skills a new shape, join TechnoKraft now
Learn from most experienced team in the city.
Choose from various IT courses and become
industry ready.

For More Details

www.tts.net.in



9371044424
9371044428



TechnoKraft Training & Solution Pvt. Ltd.
First Floor Kanchwala Avenue,
Above Viju's Dabeli, Thatte Nagar Marg,
College Road, Nashik,
Maharashtra 422005.

