

Devops Course content

1. Introduction to DevOps

2. Git

- Basics on Git Repositories
- Different Git options
- Repository Creation
- Branch creation
- Pull Request/ Merge process
- Basic commands

3. Jenkins

- Installation of Jenkins
- Jobs Creation
- Pipeline step(Using groovy)
- Slaves creation and managing
- Credentials management

4. Ansible

- Installation of Ansible/Configuration
- Overview on Ansible
- Writing Basic Playbooks
- Execution
- Use Cases

5. Docker

- Installation of Docker
- Creation of Docker Files
- Creation of Containers
- Managing Containers
- Basic Administration

6. Kubernetes

- Installation of Kubernetes
- Overview on Kubernetes Architecture
- Creation of Pods
- Creation of Deployments
- Managing services
- Basic Administration

7. Maven Basics

8. SonarQube Basics

9. Terraform

- Terraform installation/Configuration
- Creation of TF files
- Creation of AWS resources using Terraform
- Basic commands