Ansible Basics

Day 1

 1. Introduction to DevOps

- Understanding the business need for DevOps

- Recognizing the business value of DevOps

- How DevOps works

2. How DevOps works

- Develop and test against production like systems

- Deploy with repeatable, reliable processes

- Monitor and validate operational quality

- Amplify feedback loops

3. DevOps Life Cycle

- Plan and Measure

- Develop and test

- Release and Deploy

- Monitor and optimize

4. DevOps tools

- Configuration Management

- Provisioning

- Deployment

- Orchestration

- Monitoring and Alerting

- Logging

Day 2

1. Introduction to Ansible

- Ansible architecture

- How Ansible works

- Configuring Ansible

2. Working with playbooks

- The anatomy of a playbook

- Variables and their types

- Inventory files

- Module files

Day 3

1. Testing Playbooks

- Syntax check

- Functional testing

2. Working with conditions

3. Working with loops

- Standard Loops

- Nested Loops

- Looping over subelements

Day 4

1. Working with include

2. Working with handlers

3. Working with roles

Day 5

1. Ansible Templates

2. Security Management