**DevOps Training**



Module 1

* Introduction of AWS
* Cloud Computing (IAAS, PAAS, SAAS)
* DevOps Life cycle
* DevOps tools

Module 2



* AWS – Basics
* Creating EC2
* S3 Bucket
* IAM Roles

Module 3

* Installation Linux (Putty)
* Basic Commands
* VI, Nano Editors

Module 4

* Version control
* Introduction of GIT
* GIT Repo and GIT Hub intro
* Adding, committing, deleting files
* GitHub branches, merging

Module 5

* Maven
* Eclipse Installation
* Maven Goals
* Build concept

Module 6

* Intro of docker
* Creating Docker cluster using docker swarm
* Swarm Node availability and Stacks
* Docker containers
* Dockers
* Swarm secrets and container health check



Module 7

* Intro of Ansible
* Ansible vs Puppet vs Chef
* Ansible lab platform
* Creating & Using Ansible Playbooks
* Using Ansible Variable & Templates

Module 8

* Chef intro and basic understanding
* Running recipes & cookbooks

Module 9

* Intro of Jenkins
* Install and configure of Jenkins
* Architecture of Jenkins
* Configure Jenkins jobs
* Configuration CI / CD pipeline
* Integrating Jenkins with AWS, GIT HUB & Docker

Module 10

* Introduction IAAC
* Terraform Intro
* Hash Corp Terraform
* Understanding Terraform files
* AWS simple storage Service
* Intro of Packer
* Create AWS AMI using packer
* Introduction Kubernetes
* Monitoring Tools (Splunk, Nagios)
* ITIL