

Devops Course Syllabus

Course Duration: 120Hrs

Syllabus

- Infrastructure Setup
 - Installation of – CVS & Git
 - Jenkins, Ansible, Docker
 - Nagios, Maven, Database
- DevOps Foundation
 - Career Scope for DevOps professionals
 - Desired Skillset of a DevOps Engineer
 - Continuous Dupery & Deployments
 - Configuration Management & Monitoring
 - Advantages of DevOps
- Code Management System (GIT)
 - Git with Bit Bucket
 - Managing Branches & Branching Strategies
 - Git as SCM, Git Command pen
 - Git setup with CI tool Jenkins, SVN, CVS
 - Merging Strategies
 - Git Tags Git Stash, Rebase, Reset, Revert Checkout
- Automating Build and Test (Maven)
 - Introduction to build tools
 - Maven Repositories
 - Automating Builds with Maven and Ant
 - Building Depvery Pipepne in Jenkins (CI/CD)
 - Test Automation, Security, Notification System in Jenkins
- Continuous Integration (CI)
 - Jenkins Installation & Configuration
 - Managing Users Permissions
 - Frequent merge of code to a shared repository
 - Automated builds and tests are run using Jenkins
- Docker Container & Kubernetes
 - Introduction to Dockers
 - Understanding the concept of containers
 - How containers differ from Virtual Machines
 - Dockerizing Apppcations using Docker Instructions
 - Basics of Dockers, how to create and run a Docker Image, distributing Image
 - How to create a Docker Registry

- Scripts composition and Remote Docker Image
- creating a Kubernetes cluster
 - creating YAML with Kubernetes deployment
 - Kubernetes rolling updates, using an app with the dashboard.

ALL THE BEST

HUDDLE RISE