

Powered by 3RI Technologies



DevOps Training & Certifications

PREMIUM CORPORATE TRAINING

www.3ritechnologies.com

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DEVOPS CERTIFIED TRAINER

3RI has a team of DevOps Working Professionals with 8+ Years of Relevant experience.

TRAINING METHODOLOGY

3RI follows the unique methodology which is followed by every Devops Trainers to align with today's IT Industry standard.



Subjects & Tracks



DevOps with AWS

DevOps is one the best among Top ten highly paid jobs in world.

This training is inline with industry expectations and certifications

AWS ASSOCIATE LEVEL

It is a basic level of AWS

Training for every individual who would like to initiate their career in cloud computing.

PLACEMENT SUPPORT



Placement at Our
Client's Location



Interview
Preparartion



Resume Workshop
by Experts



Real World Application
Integration in Resume



Exclusive Sessions
from Experts

Don't Forget!

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CURRICULUM



1.DevOps Introduction

- What is DevOps?
- Why DevOps?
- DevOps Principals
- DevOps Necessities
- DevOps Problems & Solution
- DevOps: Continuous Delivery and Benefits
- DevOps Market Trends

2.Linux Basics and Networking Concepts

- Architecture and Filesystem of Linux
- Linux Bash Commands
- Managing Services on Linux
- User and Group management
- Filesystem usage
- IP assignment and Service Ports usage

3.Cloud Computing with AWS

- Fundamentals of Cloud Computing
- Introduction to Amazon Web Services
- AWS Cloud - EC2, Security Groups, Amazon Machine Images
- Key Management, Elastic & Public IP
- IAAS PAAS SAAS,S3,Roles,Policies etc.
- VPC creation and understanding Networking in AWS
- Hypervisor, Baremetals, KVM,XEN
- Why Cloud is required for DevOps
- AWS - Defining EC2 Instances
- Introduction to ELB, CDN, Auto Scaling

CURRICULUM



4. Shell Scripting

- Understanding the fundamentals of Software Programming
- Scripting Introduction
- Shell Scripting - Learning to automate Operating System

5. Source Code Management and Version Control

- Source Code Management using GitHub
- History of version control systems
- Centralized vs Distributed version control system
- Source Code Management System using Github
- Working on Git Command-Line and GitHub GUI
- Cloning and check-in and committing. Repository creation etc
- Build Tools (Maven/Graddle)
- Understanding Branching, Merging, Forking, pull, etc

6. Continuous Integration with Jenkins

- Jenkins - Installation
- Jenkins - Configuration
- Jenkins - Management
- Jenkins - Setup Build Jobs
- Integration of JENKINS with GIT
- Integration of Maven with Jenkins
- Jenkins Dashboard
- Remote Builds and user management in Jenkins
- Understating Plugins and dependency
- Pipeline Creation using Jenkins for CI
- Jenkins - Testing

CURRICULUM



7. Chef and its Component

- Chef: Introduction
- Chef: knife
- Chef: knife demo
- Chef: knife with chef-server
- Chef: Roles

8. Continuous Monitoring with Nagios

- Host Monitoring using Nagios
- Installation
- Nagios Coding Language
- Windows Monitoring
- Linux Monitoring
- Port Monitoring

9. Ansible, Infrastructure as a Code

- Understanding Configuration Management
- Understanding Configuration Automation

- Understanding Desired State Configuration Management
- Understanding Continuous Configuration Automation
- Understanding Server-Client based Configuration Automation
- Understanding Remote Configuration Automation

10. Ansible Tool

- Introduction of Ansible tool
- Introduction to YAML Syntax
- How to Install Ansible?
- Ansible: Playbooks and Modules live examples on several industry scenarios
- Basic: Running Commands
- Ansible: Roles, Files, Templates, Handlers
- Ansible: Best Practices

CURRICULUM



11. Docker Session & Orchestration Tools

- Introduction to microservices
- Introduction to Docker
- Introduction to Docker commands practical
- Working with containers
- Introduction to Docker HUB
- Docker Demo
- Docker Swarm
- Docker Compose

12. Kubernetes

- What is Kubernetes
- Technical Overview of Kubernetes

13. Terraform

- What is Terraform
- Build infrastructure using Terraform code
- Change, destroy, manage infrastructure
- Integrating Terraform on AWS
- Updates to existing setup using Terraform

PROJECT: WORK AND CASE STUDIES

- Ansible case studies
- Terraform case studies
- Jenkins case studies



Meet the Team



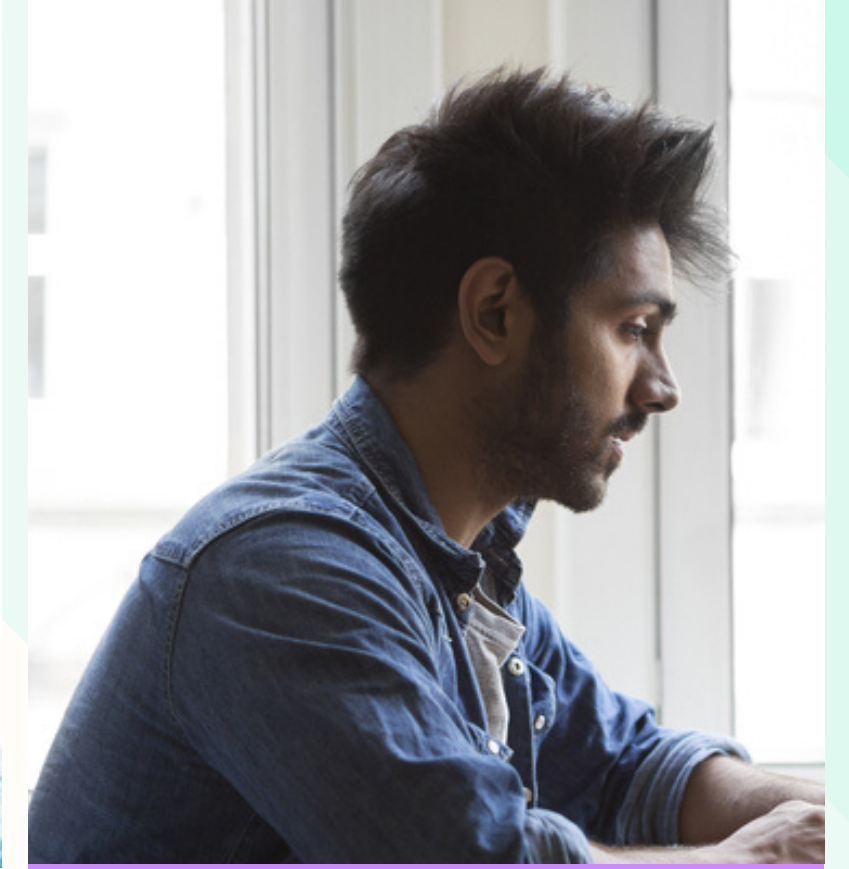
INDRAJEET
SIR

DevOps
Certified Trainer



RISHIRAJ
SIR

AWS Solution
Architect



SUBHASHISH
SIR

DevOps
Engineer

FAQ's



- **Do I need to purchase any Software ?**

No, we provide necessary installation guides of the software required.

- **What are the specific System Requirements ?**

8 GB RAM, 500GB Hard disk (i3 Processor).

- **What are Projects ?**

Projects are real world datasets from companies like Gmail, Facebook, flipkart, Amazon, etc. that are provided to our students.

Contact Us



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