Red Hat Certified OpenShift Application Developer

Zetlan Technologies

Online Course

ZETLAN TECHNOLOGIES
www.zetlantech.com

Red Hat Certified OpenShift Application Developer

Course Modules

1. **Work with Red Hat OpenShift Container Platform**
   - o Create and work with multiple OpenShift projects
   - o Create and deploy single container and multi-container app
   - o Use application health monitoring
   - o Understand basic Git usage and work with Git
   - o OpenShift internal registry to meet specific requirements
   - o Manage applications with the web console

2. **Deploy multi-container applications**
   - o Create and use Helm charts
   - o Customizing deployments with Kustomize

OpenShift Application Developer

3. **Work with container images**
   - o Use comd line utilities manipulate container img
   - o Optimize container images
   - o Publish container images to a registry

Zetlan Technologies

4. **Troubleshoot application deployment issues**
   - o Diagnose and correct minor issues with app deployment
   - o Diagnose and correct minor issues with build process

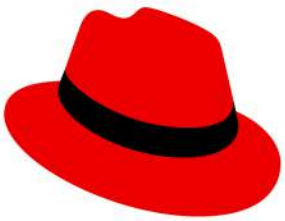
Red Hat Certified OpenShift Application Developer

5. **Work with image streams**
   - o Create custom image streams to deploy applications
   - o Pull applications from existing Git repositories
   - o Trigger updates on image stream changes
   - o Debug minor issues with application deployment

6. **Work with configuration maps**
   - o Create configuration maps
   - o Create secret resources
   - o Use configuration maps to inject data into applications

OpenShift Application Developer

7. **Work with the source-to-image (S2I) framework**
   - o Build and deploy applications using S2I
   - o Customize existing S2I builder images



Zetlan Technologies

8. **Work with hooks and triggers**
   - o Create a build hook that runs a provided script
   - o Test and confirm proper operation of the hook
   - o Manage and trigger application builds

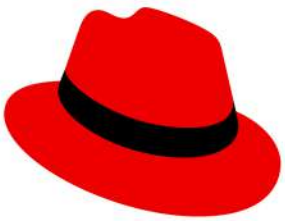
For Enquiry: +91 8680961847

9. Work with templates

- o Create an OpenShift template
- o Pre-existing templates write in either JSON or YAML format
- o Work with multi-container templates
- o Add custom parameters to a template

10. Work with OpenShift Pipelines

- o Understanding CI/CD process inside of OpenShift
- o Work with standard Tekton custom resource definitions
- o Design and define, and troubleshoot CI/CD workflows
- o Configure and trigger Pipeline workflows for applications
- o Creating applications from installed Operators



Zetlan Technologies

Zetlan Technologies

LEARN REMOTELY!!

The efficiency of online learning in terms of time management, flexibility, and the ability to access resources anytime, anywhere can be compelling.

ZETLAN TECHNOLOGIES

www.zetlantech.com

For contact: +91 8680961847
+91 9600579474