



JALA Academy is the world's first Academy offering 100% Job guarantee Programs without Trainers from 0 to 20 years' experience.
Anyone who wants to build solid career in IT can enroll.
Read JALA Academy website and contact us for any career advice and questions.

DevOps / Cloud – Job Guarantee Program

DevOps and Cloud Technologies Job Guarantee Program covers the following projects along with basic knowledge of Programming language, Database, Agile Process and complete placement support until get a JOB. Anyone who enrolls into any Job Guarantee Program in JALA Academy can learn any technologies offered by JALA Academy for 10 Years **at ZERO additional cost**. All Job Programs come with 10 Years Job guarantee.

Duration of all the Programs is until you complete the Live Projects with 1:1 live sessions on ZOOM. No recorded videos. Training is completely online at your comfortable time any time in a day. We know being lazy is good for many reasons. You have a choice to decide the duration of the Program.

WhatsApp: +91-970-490-7458
for any questions / enrolment

Other Job Guarantee Programs

Full Stack – JAVA / .Net/ Python
QA / Selenium / API Automation
Robotics Process Automation(RPA)

Courses without Job Guarantee

Cyber Security
Data Science / AI
Manual Testing

Project 1

Project Description:

Build CI / CD Pipeline using Jenkins and deploy the real world Web Application in AWS Cloud

Goals:

CI/CD Pipelines will help you learn server automation, continuous integration, building pipelines, configuration of tools, automated testing, code quality improvement, and distributed systems in Jenkins through intensive, hands-on practical assignments.

Technologies Used:-

1. Jenkins
2. Groovy
3. AWS Cloud
4. Git
5. Docker

JALA Academy offers Job Guarantee Programs, Income Earning Opportunities, and Internship with stipend on Full Stack, MERN Stack, QA, Test Automation, RPA, Cloud Technologies, DevOps and Cyber Security. Read our website JALA Academy for more details.



JALA Academy is the world's first Academy offering 100% Job guarantee Programs without Trainers from 0 to 20 years' experience.
Anyone who wants to build solid career in IT can enroll.
Read JALA Academy website and contact us for any career advice and questions.

Steps:

1. Create jenkins file using our in-house code repo [should be cloned from git/bitbucket]
2. Create Docker file in the same repository
3. Build-Docker image with tagging as build version, unit test cases should pass if any for the code
4. The Image should be available in ECR with build version as TAG
5. The Docker Image should be deployed to EC2 Machine
6. The EC2 Machine Need to open specific Inbound Port and restrict Access only for admin user to login
7. Jenkins Jobs should do validation and display successful message
8. Report should be sent to e-mail and it should contain status of each JOB
9. Domain should be registered with AWS

Project 2

Project Description:

Create VPC peering between Two VPCs and migrate data between two Databases

Goals:

1. VPC Peering will help you learn more about networking concepts and databases.
2. Database migration helps you how to handle large amount of data

Technologies Used:

1. AWS Cloud
2. Shell Scripting
3. Debugging database issues
4. Peering VPC
5. AWS Database Service
6. Networking

Steps:

1. Create VPC Peering between two VPCs
2. Bastion Host [ec2 instance] need to be created
3. Access the RDS Instance from the Bastion Machine
4. Migrate data from 10.x database to 12.x database
5. Once data migration is completed status should be posted to slack channel

JALA Academy offers Job Guarantee Programs, Income Earning Opportunities, and Internship with stipend on Full Stack, MERN Stack, QA, Test Automation, RPA, Cloud Technologies, DevOps and Cyber Security. Read our website JALA Academy for more details.



JALA Academy is the world's first Academy offering 100% Job guarantee Programs without Trainers from 0 to 20 years' experience. Anyone who wants to build solid career in IT can enroll. Read JALA Academy website and contact us for any career advice and questions.

Project 3

Project Description:

Provisioning using Terraform and ansible

Goals:

1. Learning the best practices
2. Provisioning and configuring the Infra resources

Technologies Used:

1. Terraform
2. Ansible

Steps:

1. Installation of Terraform
2. Creating EC2 instances on AWS cloud using Terraform
3. Configure using ansible
4. Writing Terraform scripts
5. Integration of Terraform and Ansible for configuration management

Project 4

Project Description:

Kubernetes Cluster setup and demo

Goals:

1. Kubernetes is one of the most popular container orchestration tools available. The Container Orchestration will help you grasp the key skills, technology, and concepts that a Kubernetes administrator needs to know.

Technologies Used:

1. Docker
2. YAML
3. Kubernetes
4. Container Networking

Steps:

1. Installation and setup of Kubernetes cluster [EKS]
2. Configuring YAML files for K8s deployment
3. Autoscaling and Load Balancing in Kubernetes
4. Registering services through Kubernetes Deployment through Kubernetes

JALA Academy offers Job Guarantee Programs, Income Earning Opportunities, and Internship with stipend on Full Stack, MERN Stack, QA, Test Automation, RPA, Cloud Technologies, DevOps and Cyber Security. Read our website JALA Academy for more details.



JALA Academy is the world's first Academy offering 100% Job guarantee Programs without Trainers from 0 to 20 years' experience.
Anyone who wants to build solid career in IT can enroll.
Read JALA Academy website and contact us for any career advice and questions.

Project 5

Project Description:

Monitoring using Prometheus & Grafana

Goals:

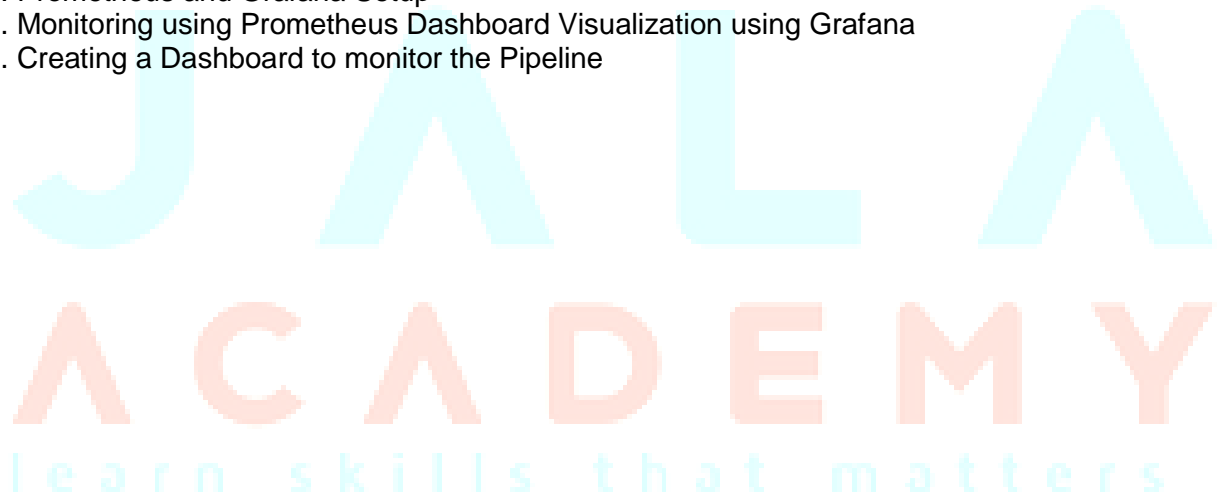
Creating a Dashboard to monitor the Kubernetes cluster and pipelines

Technologies Used:

1. Prometheus
2. Grafana

Steps:

1. Introduction to Prometheus and Grafana
2. Prometheus and Grafana Setup
3. Monitoring using Prometheus Dashboard Visualization using Grafana
4. Creating a Dashboard to monitor the Pipeline



JALA Academy offers Job Guarantee Programs, Income Earning Opportunities, and Internship with stipend on Full Stack, MERN Stack, QA, Test Automation, RPA, Cloud Technologies, DevOps and Cyber Security. Read our website JALA Academy for more details.