Flair TECHNOLOGIES

SRE WITH DEVOPS

PRIME TOOLS WE COVER

♦ LINUX ♦ AWS ♦ TERRAFORM ♦ KUBERNETES ♦ ARGOCD ♦ GITLAB
♦ SPLUNK/KIBANA ♦ PROMETHEUS ♦ DOCKER ♦ ANSIBLE
♦ OPENSHIFT ♦ ISTIO ♦ GRAFANA ♦ GIT ♦ PYTHON

Program Highlights

Learning Notes for each Session!

We deliver learning notes after each online session for quick recap of important points and steps.

SRE Interview Preparation (SIP)

We conduct Interview Preparation sessions to deliver Tips & Tricks to crack the Interviews.

Whatsapp & Web Portal for technical support

We are available ONLINE to provide technical support on Whatsapp and web portal support.

5 real-time projects

We conduct 5 Real-Time Capstone Projects to deliver how DevOps integration works in real-time, which you can use in Interviews.

Weekly assignments with Solution Document

We assign problem statements on every FRIDAY that helps to improve the technical integrations and hands on experience.

One year access to Videos

One year access to live classes and recordings.

Resume preparation

We help you in RESUME preparation based on your skills and experience.

Mock interviews

We take MOCK INTERVIEWS and provide you feedback which helps you how to prepare for real interviews.

1:1 Meeting

You can have a 1:1 meeting to discuss your career path and guidance on how to prepare your resume.

Capstone Projects

AWS Infrastructure & Automation

Setup AWS 3-Tier Architecture using Terraform Automation.

Technologies Used:
AWS(EC2, RDS, S3, ELB, ASG etc..), Ansible, Terraform.

Microservices Architecture

Planning, Design, Deployment of Microservices Architecture

Technologies Used:
Kubernetes, Spring boot, ReactJs, API Gateway, Eureka Registry, MySQL, Kafka, S3 etc..

Real-Time Application Monitoring

Deploy application monitoring and graphing.

Technologies Used:
Grafana, Prometheus, Istio

CI/CD Pipeline Automation

Build and Deploy Microservices into Kubernetes cluster

Technologies Used:
GitLab, Kubernetes, ArgoCD, AWS ECR

Centralised Application Logging

Deploy Centralised Application Logging for Microservices

Technologies Used:
Elasticsearch, Kibana, Fluentd

SRE/DEVOPS ESSENTIALS

WEB APPLICATION DEPLOYMENTS

Learn web application architecture and how to run static HTML on AWS EC2 instances. Learn TOMCAT application server installation, configuration and run JAVA applications on TOMCAT containers.

TOOLS COVERED: APACHE HTTP WEB SERVER, MAVEN, TOMCAT

SOURCE CODE MANAGEMENT

Learn different branching strategies and code promotion, review process to develop the application source. Learn developer collaborative methods, Code Reviews, distributed source code repository management.

TOOLS COVERED: GIT, GITLAB, GITHUB

ARTIFACT MANAGEMENT

Learn how to store version controlled MAVEN, DOCKER, build artifacts.
TOOLS COVERED: GITLAB, DockerHub, ECR

SYSTEM PROVISIONING & CONFIGURATION MANAGEMENT

Learn how to automate system configuration provisioning methods and writing Ansible role definitions and playbooks using YAML.
TOOLS COVERED: YAML, ANSIBLE

MICROSERVICES ORCHESTRATION

Learn the ways to orchestrate microservices using Kubernetes. Learn design, installation, architecture, creating deployment, services, ingress, KUBERNETES resources.
TOOLS COVERED: DOCKER, KUBERNETES, OPENSHIFT

INTEGRATION & DEPLOYMENT AUTOMATION

Learn how to create CI/CD pipelines to automate the application build and deployments. Learn how to install, configure dynamic GitLab Runner agents to run jobs at scale.
TOOLS COVERED: GitLab, ArgoCD, KUBERNETES, JENKINS

MONITORING & LOGGING

Learn how to set up continuous application logging and monitoring to track real time application behaviour and resource utilisation patterns.
TOOLSCOVERED: GRAFANA, PROMETHEUS, FLUENTD, ELASTICSEARCH, CLOUDWATCH, SPLUNK/KIBANA

DATA STORAGE METHODS & MESSAGE STREAMING

Learn how to store & encrypt the data at rest and handle Real-Time message streaming application integrations.
TOOLS COVERED: MYSQL, AWS S3, KAFKA

OBSERVABILITY & SERVICE MESH

Learn how to understand the microservices dependency and service failures using service mesh ISTIO and analyse traffic management.
TOOLS COVERED: ISTIO

AGILE PROCESS

PROCESS MANAGEMENT
Learn how to plan, measure and implement the Real-Time daily activities in association with multiple dependency teams like SRE, Software Developer, Platform Engineer, DevOps Engineers.
TOOLS COVERED: JIRA

PROGRAM DETAILS & REGISTRATION PROCESS

PROGRAM DURATION & FORMAT
100 DAYS | MON TO FRI (DAILY 2 HOURS) | ONLINE

PROGRAM FEE
INR 30,000

DEMO DATE
02ND DECEMBER 2023 - 07:00 AM IST

PROGRAM START DATE
04TH DECEMBER 2023 - 07:00 AM IST

ELIGIBILITY
BACHELOR DEGREE

FLALR TECHNOLOGIES Was Founded In 2014 With The Mission To Provide High-Quality Offline Training On AWS Cloud. Despite Facing Challenges Due To Full-Time Commitments, Our Enthusiasm For Teaching Never Waned.

info@flairtechnologies.in
Drop Us A Line

+91- 974 974 9596
Call Us Now

Our Location
Bengaluru, India