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Objective:

Design and Implement DevOps practices at a large scale using open source tools to achieve faster application deployment cycles and to achieve high up-time of applications using a stabilized and self-healing infrastructure.

Skills:

Infrastructure Automation (Terraform)	Container Orchestration(k8S)
Containerization (Docker)	Configuration Management (Ansible)
Continuous integration (jenkins)	Continuous deployment (ArgoCD)
Cloud Environment (AWS, Azure)	Monitoring and Logging (P & G)
Linux (RedHat, Ubuntu)	Code (Git, Github)
Build & Artifact (Maven , S3)	Interpersonal Skills
Adaptability and Flexibility	Effective Communication

Profile Summary:

- Having a good experience working in the DevOps area, working with various CI/CD implementations involving different phases from code compilation to deployment, Environment management, and maintenance.
- Solid experience with Linux (Ubuntu and RedHat) operating systems.
- Hand-on experience on Infrastructure as a code (IAAC) Terraform.
- Automated infrastructure Deployment by using Jenkins pipeline.
- Worked on Terraform Cloud to Provision the infra.
- Hands on Knowledge on Creating EKS Cluster and working on it.
- Good Knowledge on Kubernetes Scheduling and Services.
- Good Knowledge on working with Monitoring Services.
- Worked on a CI/CD Jenkins for automating the application deployment life cycle process.
- Worked on Jenkins jobs for end to end Application deployment.
- Good Knowledge of creating users and restricting permissions to the jobs and giving access to the respective jobs by customizing the permissions in Jenkins.
- Good Experience of storing artifacts in S3 buckets by enabling versioning and Enabling S3 Bucket Cross Region Replication.
- Worked on Docker like managing containers, and images, and establishing the communication between the containers.
- Knowledge on working with docker Swarm and Stack.
- Good Experience of configuration management tool Ansible.

- Hands on knowledge on core concepts in Ansible such as setup, Ad-hoc commands, Playbooks, and handlers.
- Worked on web server Apache2, Nginx and Databases like RDS.
- Good Knowledge in installing and configuring K8S master and K8S nodes and established communication between them.
- Well aware of the advantages, architecture, and complete workflow of Kubernetes.
- Worked on Namespaces, Resource quotas and multi container pods.
- Worked on RBAC in k8s cluster to restrict the users.
- Good knowledge on k8s volumes like pv and pvc.
- Hands-on experience in Working on AWS cloud services IAM, VPC, EC2, S3, EBS, , ELB, ASG , and Elastic Bean Stack, Route53, CloudWatch, RDS, Lambda, Eks

Professional Experience:

Working as DevOps Engineer in ABC Company

Technical Expertise:

PROJECT-1:

Client: ----

Give client details.

Tools:

Version control system	Git, GitHub
Integration	Jenkins
Configuration management	Ansible
Monitoring Tool	Prometheus & Grafana
Infrastructure as a Code	Terraform & Hcp
Application server	Tomcat
Cloud Environment	AWS
Artifactory	S3/Nexus
Ticketing tool	SharePoint

Roles & Responsibilities:

- Deploying end product in tomcat web App server and other application servers before production.

- Taking backups of code and Databases before new deployments.
- Checking and automating if the Servers are running out of disk.
- Monitoring of all the Services running on the servers.
- Integrated tools with Jenkins like Git, Maven, Nexus, Ansible, and Tomcat, Terraform.
- Worked on Jenkins by installing, configuring, and maintaining continuous integration (CI) and End-to-End automation for all builds and deployments
- Configured many scheduled projects so that they can run frequently without the manual trigger.
- In case of any new project setup, creation of new jobs in Jenkins for some basic tasks.
- Configuring pre and post-build actions in Jenkins as per project requirements
- Deploying artifacts like JAR, and WAR, into application servers Apache Tomcat and storing it on Artifactories.
- Used Ansible vault to secure information like passwords and secret key files.
- Making configuration changes on Servers using Ansible
- Writing Playbooks for automating the daily tasks with Ansible Roles.
- Taking backups of Instances and taking backups of Production Databases and Providing them to Developers on Staging/ Testing Environments for testing of any issues
- Pulling the Artifacts from the Nexus and Deploying them to the Tomcat server through the Ansible Playbooks.
- Maintaining Confluence pages for the Documentation for Daily tasks.
- Creating servers, AMIs, and storage blocks in S3 taking snapshots, VPCs, subnets, load balancing, and Auto-scaling in AWS.
- Administering users, groups, and roles & setting up policies by using IAM and also Creation of VPCs, S3 buckets, and Ec2 Instances automating them through Terraform.
- Manage and configure AWS services as per the business needs (ELB, EC2, S3, IAM, and VPC).

PROJECT-2:

Client: ----

Give client details.

Tools:

Version control system	Git, GitHub
Continous Deployment	Argo CD
Containerization tool	Docker
Container Orchestration	K8S
Cluster Management Tool	EKS

Application server	Tomcat
Cloud Environment	AWS
Security Tools	Sonarqube, Trivy & Owasp
Ticketing tool	SharePoint

Roles & Responsibilities:

- Created the Dockerfiles based on Developer Requirments.
- Build custom images for deployment in the cluster.
- Had a good knowledge on disk saving for image compression.
- Stored the custom images on Docker Registry for private repos.
- Handson Knowledge on Container networking part.
- Created a Kubernetes Cluster with EKS automation scripts.
- Good knowledge on k8s Cluster and Architecture.
- Good knowledge on k8s essentials.
- Having a good knowledge about deployment strategies in k8s and understanding them.
- Exposed the application in k8s by using services in k8s.
- Good knowledge on working K8s Namespaces and implemented them.
- Automated the deployment process with writing manifest files and executing them.
- Having a good experience in scaling the pods by using hpa.
- Worked with the helm to install packages in the K8S cluster.
- Deployed the application with the help of Argo cd in the K8S cluster.
- Having a good experience in distributing the resource to the multiple namespace inside the cluster by using resource quotas.
- Monitoring the cluster with help of Prometheus & Grafana.
- Good knowledge on creating the PV and distributing to the cluster.
- Administering users, groups, and roles & setting up policies by using IAM and also Creation of VPCs, S3 buckets, and Ec2 Instances automating them through Terraform.
- Manage and configure AWS services as per the business needs (ELB, EC2, S3, IAM, and VPC).

STRENGTHS:

- Adaptable & flexible
- Resilience
- Effective Communication
- Troubleshooting
- Collaboration

CERTIFICATION: Certified DevOps engineers from CCIT

Declaration:

I hereby declare that the information furnished above is true up to my knowledge and I bear the responsibility for the correctness of the above mention particulars.

Place:

Name: