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OBJECTIVE:

Overall, 2.3 years of experience in Cloud & DevOps Engineer which includes detailed technical experience in build engineer and configuration management process tools and managing cloud infrastructure in AWS. Designing and implementing fully automated CI/CD pipelines reducing deployment time and increasing deployment frequency. Skilled in infrastructure as code monitoring and alerting systems and implementing security policies and procedures resulting in reduction of security incidents.

PROFESSIONAL SUMMARY:

Hands on Experience with AWS Services like S3, Cloud watch, Cloud Trail, Session Manger, Secret Manager, RDS, ELB, SNS, IAM, VPC, ECS, EKS, API Gateway, Elastic Beanstalk, Route53, AWS Code build, Code Commit, Code Deploy.

Build Management for Java application using Maven and experienced in full Software Life Cycle including Waterfall and Agile methodologies.

Hands on experience on Infrastructure Automation Cloud Formation, Terraform.

Working experience with implement CI/CD using AWS Code Build, Code Deploy, Jenkins.

Creating and modifying the resource group, VPC and subnets using AWS DevOps through Repos and pipelines according client requirements using Terraform.

Working experience with DevOps tools Jenkins, Dockers and Kubernetes.

Working and manage with different environments like Dev, UAT, STAGING, Pre- PROD, PROD.

Experienced in databases such as MySQL, DynamoDB, Aurora - PostgreSQL.

Workings on various version control tools, Build tools Continuous Integration Tools, DevOps tools and automation tools.

Worked on writing Terraform Scripts to automate the infrastructure in AWS.

Experienced with version control systems such as GIT including branching and merging strategies

Worked on Kubernetes and it is being used to orchestrate the deployment, scaling and management of Docker Containers.

Experience in Continuous Integration (CI) setup using Jenkins. Configured multiple jobs, created distributed builds, and performed plug-in Installations. Automated the cloud deployments using Ansible.

Worked on Linux environments and configured SSH connections and password less authentication between two servers.

Hands on Experience in writing playbooks and creating Roles for Scalability and Reusability in Ansible.

Implemented Lambda function using Shell Scripting and worked on Server less application design, development and deployment.

Integrate SonarQube to run as a part of Jenkins build job and deploy with different environments.

Worked on configuring different jobs like Freestyle and Pipeline Projects and Multi Branch Project.

Good Experience in Docker like creating Docker Images, Containers, tagging and pushing to Docker Hub.

Writing and maintaining Docker file for various micro services image creation.

Experience on deploying artifacts like JAR, WAR, and EAR into application servers Apache Tomcat and Web logic servers.

Experienced with Azure pipelines /Jenkins as Continuous Integration / Continuous Deployment Tool and strong experience with Maven Build Frameworks.

Working experience with Configuration management using Ansible and writing of Ansible Playbooks.

Experienced in Agile and water fall methodologies.

A quick learner with the ability to work under pressure and meet deadlines.

EXPERIENCE:

Worked as a Software Engineer in Primus Global Technologies from Nov2021 to feb2024.

EDUCATION:

Completed **B.sc** in **Telangana University**, Hyderabad in 2018.

SKILL SET:

Operating System	:	Windows, Linux
Infrastructure Management	:	Terraform, AWS CloudFormation
Configuration Management	:	Ansible
CI/CD Tool	:	Jenkins, GitHub Actions, AWS Code Build
Version Control	:	GIT, GIT Lab, Git Hub, AWS Code Commit
Build Tools	:	Maven
Web/App Servers	:	Tomcat & Apache
Monitoring Tools	:	Prometheus & Grafana, AWS Cloud Watch.
Scripting Language	:	Shell Scripting
Language	:	Java
Containerization	:	Docker
Container Orchestration	:	Kubernetes, AKS

PROJECTS:

PROJECT 1: Bread Financial Holdings

Nov 2021 to Feb 2024

Environment: Git, AWS, Jenkins, Kubernetes, Docker, Terraform, Linux.

Description:

Bread Financial Holdings is an American publicly-traded provider of loyalty and marketing services, such as private label credit cards, coalition loyal programs, and direct marketing, derived from the capture and analysis of transaction-rich data.

Responsibilities:

Maintaining the high availability of the applications by Health checks using Liveness and Readiness Probes, Init Containers.

Work with Development Teams and Testing Team to establish a build schedule, execute the builds and troubleshoot build failures.

Involving creation of AWS pipelines for CI/CD and worked on AWS code commit as a code base.

Used AWS pipelines as a build tool on Java core project for the development of build artifacts on the source code.

Create and maintain automation scripts and tools for deploying and managing secure network configurations.

Work closely with development, security, and operations teams to ensure alignment on security practices and integration requirements. Develop and execute incident response plans for security breaches or network attacks.

Security Monitoring by Utilizing tools and practices for continuous monitoring of network and code security.

Implement best practices for storing and accessing secrets securely within Azure Key Vault.

Configured Maven and Jenkins to deploy the generated artifacts to Artifactory

Responsible for creating jobs in Jenkins and monitoring daily operations in Jenkins.

Scheduled Build jobs, configured build pipeline and automated deployment using Jenkins.

Implemented the setup for Master slave architecture to improve the Performance of Jenkins, implemented parallel builds.

Implementing Docker (images/containers) by using CI/CD process in Jenkins.

Enforced Continuous Integration by configuring Git, Maven, and Jenkins.

Involving on build releases and deployments.

Worked on Docker container snapshots, removing images, and managing containers.

Hands on experience in Jenkins creating the Upstream and Downstream Jobs.

Scheduling backup of Instances or its EBS volumes as per requirement.

Modify the resources of instances like CPU, RAM or Disk as per user requirement.

Experience in creating the Load balancers attaching the ec2 instances and also creating the auto scaling groups are automate the increasing the virtual machines depends on the metrics.

Creating alarms in Cloud Watch service for monitoring the server's performance, CPU Utilization, disk usage etc.

Having hands on experience in JIRA Tool. Interacting with developers to sort out issues related to Build Automation.

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