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PROFILE SUMMARY:

* Around 5 years of IT experience and Relevant experience as Cloud and DevOps Engineer and specialized in DevOps environment, AWS & GCP. In DevOps environment, Aws,Gcp and Linux.
* Hands on experience on AWS, GCP, Jenkins, Maven, Git, Linux, Tomcat, Ansible, Docker, Terraform, Kubernetes, Shell scripting.
* Experience in provisioning resources such as VPC, Private and Public subnets, firewalls, Auto scaling Groups and Load Balancers with Terraform in GCP and AWS
* Experience in storing Terraform Remote state file in Google storage buckets and console.
* Experienced in working on DevOps operation process and tools.
* Extensively worked with Version Control Systems like GIT.
* Work experience on GIT-HUB Administration and maintaining the Source Code in various environments. Migrating the source code from GIT including commits, branches, and tags.
* Automated build and deployment process with Jenkins and Maven, eliminating manual work and configure various plugins for Jenkins.
* Administration and creation of Individual Jenkins Jobs, including automatic generation, reporting, and alerting of build failures.
* Expertise in using Maven Build Tool for the building of deployable artifacts from source code.
* Experience in using Tomcat application servers for deployments.
* Built Ansible playbooks to automate application deployment for configuration management
* Experience in different services of AWS like EC2, ELB, EBS, S3, Auto Scaling, VPC.
* Experience in end-to-end building and deploying the application in Dev environment to Production. Expertise in Deploying, Maintaining, Managing, and Troubleshooting of Production Systems.
* Good experience on Containerized platforms like Docker.
* Experience in writing Kubernetes manifest files for Deployment, service, configmaps, secrets and ingress.
* Familiar with writing Docker Files, building Docker Images, and running the Docker Containers.
* Create develop and test environments of different applications by provisioning Kubernetes clusters on AWS using Docker and Terraform.
* Responsible for setting up and maintaining the Kubernetes clusters where ArgoCD will be deployed.
* Uses Python for infrastructure automation, configuration management, and deployment scripts.

EXPERINCE SUMMARY:

Working as a Cloud and DevOps Engineer at Brillio from Aug 2019 to Till Date.

EDUCATIONAL QUALIFICATION:

B-Tech in VIGNAN’S LARA INSTITUTE OF TECHNOLOGY & SCIENCE, VADLAMUDI Affiliated to JNTUK .

TECHNICAL SKILL SUMMARY:

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| --- | --- |
| Operating Systems | Windows, Linux. |
| Containerization | Docker, Kubernetes & VM ware |
| Application Server | Tomcat |
| Web server | Apache |
| Version Control Tools | GIT |
| CI/CD Tool | Jenkins |
| Scripting | Shells Script & Yaml |
| Build Management Tool | Maven, Helm |
| Cloud Services | AWS, GCP |
| Monitoring Services | Cloud Watch, Datadog, Splunk |
| CM tool | Ansible |
| Ticketing Tools | Jira, ServiceNow |
| Infrastructure as code | Terraform, Cloud formation |
| Source Code management | Git Hub, BitBucket |
| Deployment | ArgoCD |

PROJECT-2:

Client : Silicon Valley Bank

Role : GCP Cloud Admin.

Duration : Sep 2022 to till

RESPONSIBILITIES:

* As most of the infrastructure is hosted in GCP cloud I am responsible for creating and managing Compute Engine Instances GCP GCR
* Creating/Managing Cloud Storage
* Implement Docker & Kubernetes to setup Development environment
* Creating Docker files and Build images and push to the Docker private registry or GCP GCR.
* Setup and maintained Development, QA, Pre-production, and Production environments
* Verify deployments logs to check for successful deployments.
* deploying the build artefacts on servers like Apache Tomcat.
* Deploy the Docker Containers kubernetes cluster by Jenkins pipeline.
* Write the kubernetes manifest files for deployment, service, secrets, ingress and config maps.
* Implemented Microservices in load balanced, highly available, fault tolerant Kubernetes infrastructure.
* Deploy the containerised application in GCP for QA/Stress/Release Environments, by Terraform and validate the environments and handover to the teams.
* Creating & storing Terraform Remote state file in Google storage buckets and consul.
* Verify deployments logs to check for successful deployments.
* deploying the build artefacts on servers like Apache Tomcat.
* Used Ansible configuration management tools to deploy consistent infrastructure code across multiple environments.
* Create the file system with xfs from the EBS volumes and mount with Directories.
* Deployment of the Business processes by creating JAR, WAR and EAR files to Tomcat application server
* Implement Chef for automated application deployments and release management.
* Integrate Chef with other tools in the Tekton CI/CD pipeline.
* Automate the deployment of application updates and releases using Chef cookbooks
* Collaborate with development teams to streamline the release process.
* Use Chef to automate the deployment and configuration of servers and applications
* Collaborate with Chef developers to define infrastructure requirements and configurations.
* Responsible for setting up and maintaining the Kubernetes clusters where ArgoCD will be deployed.
* Collaborates with application development teams to integrate their applications with ArgoCD.
* Writes and maintains YAML manifests for applications and ensures they follow best practices.
* Sets up automated pipelines for testing, building, and deploying applications using ArgoCD.
* Monitors and troubleshoots deployment pipelines and ArgoCD operations.

PROJECT / CLIENT-1**:** nCino Bank Operating System

Domain**:** Banking**.**

Role**:** AWS Cloud and DevOps Engineer**/** SRE

Duration: Aug -2019 - Sep -2022**.**

RESPONSIBILITIES:

* Worked on provisioning resources such as VPC, Private and Public subnets, firewalls, Auto scaling Groups and Load Balancers with Terraform in GCP and AWS
* Write scripts to automate routine tasks based on requirements and to improve the monitoring capabilities for the environment.
* Experienced with cloud AWS EC2, VPC setup, instance setup, creating snapshots, AMIs, Elastic Ips
* Build, manage and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment.
* Experience on GIT activities like creating GIT branches, merging and granting access to users on different branches and maintaining the repository.
* Creating infrastructure in Aws like Vpc, subnets, ec2 instances, S3 buckets with help of terraform
* Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, Elastic Load-balancers, S3, RDS, Route53, IAM, Elastic Search
* Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and Conﬁguring launched instances with respect to speciﬁc applications.
* Deﬁned AWS Security Groups which acted as virtual ﬁrewalls that controlled the traﬃc allowed reaching one or more AWS EC2 instances. Containerizing applications with Docker.
* Hands-on in writing the Docker ﬁles for building images.
* Responsible for managing the Docker private registry.
* Analyse the Docker logs when Docker containers are not up after deployment.
* Build the Docker Images for Docker files and push them into nexus3 repository by Jenkins pipeline
* Write the Docker files for build the different Docker images
* Deploy the Micro services in different namespaces of kubernetes cluster by Jenkins pipeline.
* Create the file system with xfs from the EBS volumes and mount with Directories.
* Deployment of the Business processes by creating JAR, WAR and EAR files to Tomcat application server.
* Experience deploying and maintaining multi-container applications through Docker.
* Created Docker images using a Docker file, worked on Docker container snapshots, removing images and managing Docker volumes.
* Experience working on Docker Hub, creating Docker images and handling multiple images primarily for middleware installations and domain configurations.
* Deploy the Docker Containers kubernetes cluster by Jenkins pipeline.
* Write the kubernetes manifest files for deployment, service, secrets, ingress and config maps.
* Implemented Microservices in load balanced, highly available, fault tolerant Kubernetes infrastructure.
* Creating infrastructure in Aws like Vpc, subnets, ec2 instances, S3 buckets with help of terraform
* Developing build and deploy tools to make smooth pipeline transition from Dev to Production.
* Implemented parallel deployment successfully on the Jenkins.
* Configured local Maven repositories and multi-component Ant projects with Nexus repositories and scheduled projects in Jenkins for continuous integration.
* As most of the infrastructure is hosted in GCP cloud I am responsible for creating and managing Compute Engine Instances GCP GCR
* Creating/Managing Cloud Storage
* Implement Docker & Kubernetes to setup Development environment
* Creating Docker files and Build images and push to the Docker private registry or GCP GCR.
* Setup and maintained Development, QA, Pre-production and productionenvironments.