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SUMMARY

- Sr Platform Engineer, with 7+ years of experience managing enterprise applications using AWS Cloud, DevOps, and Cross-Platform Environments.
- Experience of 7+ years in designing CI/CD solutions with Maven, Gradle, and SBT, Ansible in coordination with Jenkins, GitLab, Azure DevOps, and CodePipeline.
- Proficiency over 4 years in using common services in AWS like EC2, ECS, EFS, IAM, VPC, S3, ELB, API Gateway, RDS, CloudWatch, CloudFormation, etc.
- Experience of 6+ years in administering various source control management systems, such as Azure DevOps, GitLab, GitHub, Stash/BitBucket, Code Commit, etc.
- Administered and managed the Container Orchestration across OpenShift, ECS, and Kubernetes clusters using Helm2/3, and Argo CD.
- Specialized over 5+ years in AWS infrastructure automation using Terraform and CloudFormation, and containerization using Docker.
- Handled the configuration management using Ansible, and Chef. Worked on wide variety of various monitoring tools such as Splunk, DataDog, Prometheus, Grafana, New Relic, ELK Stack, Zabbix, Graphite, Sensu, etc.
- Experience in deploying the code into Web/Application servers like Tomcat, Nginx, and WebSphere.

EDUCATION

- Post Graduate Program in Cloud Computing, Great Lakes Institute, India 2019
- Master of Science in Electrical Engineering, University of Missouri- Kansas City, 2016
- Bachelors in Electronics and Communication engineering, Amrita University, India 2014

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (ID: 9KCJ4KP1J2F4QP51)
- AWS Certified Developer – Associate (ID: KH43R8YDLJEEQXGH)
- HashiCorp Certified: Terraform Associate (ID: 78ba4dd0-9c7f-42b2-8d9f-22a84b6def59)
- Microsoft Certified: Azure Fundamentals (ID: H450-5064)

WORK EXPERIENCE

CSG Systems International Pvt Ltd – Bengaluru, India

Aug 2023 - May 2024

Sr Platform Engineer

Responsibilities:

- Developed and implemented the Product Configuration and Infra Solutions on AWS using Chef, and Terraform.
- Extensively used Ruby, Shell, and Python to support the Automation.
- Designed and developed the Chef cookbooks for ODC and AWS.
- Upgraded and Migrated the Kafka Clusters to v3.4.0 on ODC and AWS.
- Migrated the Jenkins Server and Workloads from ODC to AWS using Docker, Shell, and Python.
- Administered and Code reviewed the repositories in Azure DevOps.
- Created and developed Automation Jobs on Rundeck for Ops activities.
- Debugged the service issues using machine logs, and Elastic Dashboards.

Environment

AWS, Terraform, Chef, Ruby, Shell, Perl, Python, Git, Azure DevOps, Rundeck, make, Node.js, Docker, SQL, ELK, Liquibase.

Presidio Inc (formerly Coda Global Inc) – Chennai, India

April 2020- Aug 2023

Sr Cloud Engineer
Cloud Engineer

Feb 2022 - Aug 2023
Apr 2020 - Jan 2022

Responsibilities:

- Managed the OpenShift Clusters along with the seamless App deployments using **Argo CD**, **Helm3** Charts, and **Jenkins** pipelines.
- Led the migration of System Servers and Application towards CyberArk Privilege Cloud.
- Developed automation script using Python and Ansible to manage the onboarding tasks.
- Handled the migration of Java services from legacy Ant to Maven.
- Designed and Implemented the Control Tower based Landing Zone along with the Networking and Identity infrastructure using Terraform and CloudFormation.
- Developed and applied the Tagging policies and various SCPs to enable the guardrails and governance across the OUs.
- Implemented and accomplished the EC2 migration from one account to another along with S3, and EFS migrations.
- Developed and managed the Multi-Cloud Image Bakery pipeline with **Gitlab CI**, **Ansible**, **Vault** and **Packer**.
- Provisioned the AMI Images up to 6 and 3 different OS flavors for the **AWS** cloud and **VMware** respectively. Created and tested the Sample Roles to be baked inside these images using **Ansible**.
- Managed the AWS Cloud Infrastructure of our customer that includes the Architecture, Maintenance, Security and Automation aspects in various levels.

Environment

AWS, Terraform, OpenShift, Kubernetes, Argo CD, Helm3, Jenkins, Groovy, CloudFormation, Python, Shell, CodePipeline, Gitlab CI, YML, Packer, Ansible, VMware, Grafana, Prometheus, DataDog.

Cognizant Inc. – Chennai, India
Cognizant Inc. – Irving, TX

Oct 2019 – Apr 2020
Jan 2019 – Sep 2019

DevOps Engineer

Responsibilities:

- Developed and Maintained the CI/CD pipelines using groovy through **Jenkins** that involves **Maven**, **SonarQube**, **Fortify**, **Cloud Foundry**, **QA Selenium** and **Kubernetes**.
- Involved coordination with the off-shore Dev and QA Teams to sort out the Pipeline Issues.
- Designed and built the above pipeline workflow in **Gitlab CI**.

TimeSquare IT Inc. – Duluth, GA

Feb 2017 – Jan 2019

DevOps Engineer

Responsibilities:

- Developed and Maintained the CI/CD pipelines using groovy through **Jenkins** that involves **Maven**, **SonarQube**, **Fortify**, **Cloud Foundry**, **QA Selenium** and **Kubernetes**.
- Involved coordination with the off-shore Dev and QA Teams to sort out the Pipeline Issues.
- Designed and built the above pipeline workflow in **Gitlab CI**.
- Implemented **Serverless** framework for running **Lambda** functions on different **AWS** boxes.
- Modified the **Terraform** templates and recently got switched over to **CloudFormation** approach and are running code checks with a **Makefile**.
- Created and setup the **TeamCity** build configurations for testing our **CloudFormation/ Terraform** templates on **AWS**.
- Developed and administered the **CI/CD** pipelines for deploying our **Java Microservices** into **Marathon** through **Jenkins**. Debugged our APIs using **Splunk** logs and made performance analysis through **AppDynamics**.
- Developed and Managed the generic **CI/CD** pipeline using **Jenkins** by integrating with **GitHub Webhooks**, **Cobertura**, **Maven**, **docker** and **Kubernetes** clusters which also includes **Python** and **Bash** scripting. Debugged the application logs through **Sumo Logic**.
- Developed **Terraform** templates for provisioning new resources on our **AWS**. Worked with Data engineers on daily basis for introspecting any issues over **EMR** clusters on **AWS**, spinning up new clusters and troubleshooting/ debugging.

Znet Communications Inc – Irving, TX

Sep 2016 – Feb 2017

Network Engineer

Responsibilities:

- Worked with many vendors under Hospitality Industry on installing the Internet Services.
- Also provided the maintenance and support after installation.
- Upgraded the Network Infrastructure based on the vendor needs.
- Worked on how to fix the security issues and make it feel satisfactory for user experience.

Environment

Windows, Linux, pfSense, Tera Term, AirMagnet, Switches, Routers, Access Points, LAN, WAN