**Summary:** Result oriented and hard-working professional with Graduation and having 5+ years of experience in IT Industry. Being a quick learner and a sincerely committed towards my work, I seek new challenges that bring best out of me, which not only helps me to improve my career but also contributes to the goal of the

Organization.

**Professional Synopsis:**

* Expert in configuring and maintaining Amazon Web Services which include services like Amazon EC2, ELB, EBS, Auto-Scaling, S3, Route53, IAM, VPC, RDS, Cloud Trail, Cloud Watch, Elastic Cache, SNS, SQS, Cloud Formation, CloudFront and ECS.
* Hand-On experience in Build and Deployment of **CI/CD** pipelines, managing projects often includes tracking multiple deployments across multiple pipeline stages (**Dev, Test/QA staging** and **production**).
* Good domain Knowledge in DevOps process and Tools.
* Having good Hands-on experience in Continuous integration tool (Jenkins)
* Having good knowledge in Containerization Tool (Docker).
* Having good Hands-on experience in Kubernetes and ECS.
* Experienced with Continuous Integration/Continuous Deployment Tools as Jenkins and good experience with Maven.
* Experience working on several Docker components like Docker Engine, Hub, Machine, Compose and Docker Registry, Elastic Container Registry.
* Experience writing Shell scripts to automate the deployments.
* Experience on Configuration Management tools like Chef and Ansible.
* Experience in Infra provisioning tool Terraform and Cloud Formation.
* Well versed with deploying/configuring/tuning Enterprise Applications in Apache2.
* Hands-on Experience in designing and Implementing the Securable and Robust Architecture.
* Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery.
* Experience in Configuring Network level, API Level Security using VPC, Cognito and API Gateway.
* Hands-on Experience on Implementing Blue Green Deployment for Production Environment Backend Applications.

**Education:**

Master of Computer Application from Manair college of computer science KU Warangal.

**Core Skills:**

* DevOps Environment : Expertise in CI, CD
* DevOps Tools : Jenkins, Docker, Ansible, Terraform
* SCM : GIT
* Web server : Apache Tomcat
* Container Orchestration : Elastic Container Service(ECS),Kubernetes
* Script : Shell
* CM : Chef, Ansible
* Operating Systems : Linux (Ubuntu, Centos,RHEL),Windows
* Monitoring Tools : Grafana, Nagios, AWSCloudwatch
* Cloud Computing : Amazon EC2, S3, VPC, Subnet, ELB, EBS, ECS, ECR, CodeDeploy, CloudWatch,

CloudFormation, Route53, CloudFront, AutoScaling.

**Technical Summary:**

**DEVOPS Skills Summary:**

* Involved in Architect, build and maintain Highly Available secure multi-zone AWS cloud infrastructure utilizing AWS Cloud Formation and Jenkins for continuous integration and deployment.
* Taking care deployments using chef cookbooks.
* Kubernetes cluster setup using EKS and Kubeadm.
* Deploying application on Kubernetes.
* Installed Jenkins/Plug-in for GIT Repository, setup SCM Polling for Immediate Build with Maven and Jenkins.
* Automated the cloud deployments using Configuration Management tools Chef and AWS Cloud Formation Templates.
* Installing, configuring, and administering Jenkins CI tool.
* Automated infrastructure using IAC like Terraform and Chef and Ansible
* Integrated Jenkins with various DevOps tools such as SonarQube, Slack.
* Configured various jobs in Jenkins for deployment of Node based applications and running test suites.
* Developed Cloud formation templates to launch VPC's, ECS Clusters, Load Balancers, Task Definition, ECR in the AWS cloud.
* Experience with Docker for different infrastructure setup and testing of code.
* Source Code Control & Repository Administration with merging and branching to develop new features in the existing code using GIT.
* Monitoring the Servers and Docker containers with various tools such as Grafana, Prometheus, Nagios.
* Automated the creation of AMI’s for Production servers using shell script.
* Implemented Blue Green Deployment for Docker based Applications using Jenkins and Code Deploy.

**AWS Skills Summary:**

* Experience in providing operations and maintenance support for AWS cloud resources such as launching, maintaining, and troubleshooting EC2 instances, Virtual Private Clouds (VPC), Elastic Block store (EBS), ELB, ECS, Cloud Watch, IAM, ECR, Code Deploy, Route53, S3, Auto Scaling, CloudFront, Cloudwatch, CloudFormation.
* Experience in architecting and managing AWS cloud infrastructure.
* Expert in integrating various tools and application servers.
* Manage Amazon instances by taking AMIs and perform administration.
* Uses scripting languages like Bash and web servers like Apache.
* Create custom sized VPC, subnets to ensure successful deployment of Web applications and database templates.
* Expert in deploying the code through application servers like Apache2.
* Virtualized the servers on AWS using the Docker, created the Docker files and version control.
* Good Experience on creating the user pools using AWS Cognito.
* Ha
* Implemented Service Discovery using Route53 and Cloudmap.

**Work Experience:**

**Operation Engineer | Cyient, Hyderabad | Feb-2017 to till date**

Client : CalwaterService

Tools : Linux (Ubuntu16.04), Jenkins, Docker, GIT, Sonar, Docker, Grafana, AWS, ECS, Shell.

**Responsibilities:**

* Managed continuous delivery systems and methodologies on AWS stacks (IAM, VPC, EC2, Security Groups, Route53, ELB, Auto-scaling, S3, CloudWatch, CloudTrail, CloudFront, Lambda, ElasticSearch, SNS, ECS).
* Analyze and resolve conflicts related to merging of source code for GIT.
* Writing Chef cookbooks and roles for infrastructure monitoring.
* Maintaining chef servers and nodes, upgrade chef clients.
* Creating servers using Terraform.
* Installed Jenkins/Plugins for GIT Repository, setup SCM Polling for immediate build with Maven and Jenkins.
* Experience working on Docker components like Docker Engine and Docker Hub.
* Worked on creating Docker images and handling multiple images primarily for middleware installations and domain configurations.
* Hands on experience on Container Orchestration tool ECS.
* Implement systems that are focused on high-availability, auto-scaling, fault tolerant and self-healing services on the AWS platform.
* Monitored system performance, logs, and statistics like storage, CPU utilisation and network bandwidth utilisation using CloudWatch, Grafana.
* Estimating AWS usage costs and identifying operational cost control mechanisms and implementing cost control strategies using AWS Monthly Calculator.
* Setup specific IAM user profiles per group utilising newly released APIs for controlling resources within AWS based on group or user with MFA Authentication.
* Hands-on experience on Service landscape diagrams, Service descriptions, Low level design, network flow diagrams, data flow diagrams build and provision servers automation Jenkins/ Maven for Build and Release deployment
* Hands on basic Docker to manage and utilize ECR.
* Experience in attaching new volumes to existing EC2 instances.
* Increasing EBS backed volume storage capacity when the root volume is full using AWS EBS Volume feature.
* By designing and implementing Docker workflow, it reduces built and deployment times
* Releasing code to testing regions or staging areas according to the schedule published.
* Hands on experience in installing and administrating CI tools like Jenkins & GIT.
* Migrated heavy and frequently used applications to Docker Containers.
* Migrated infrequently used applications to SAM.
* Monitoring & regularly taking backup of the server data.
* Automation of Jobs through Crontab.

**Client: J.P. Morgan**

**Tools: GIT, Jenkins, Linux, Chef, apache and Tomcat, AWS**

**Responsibilities:**

* Developed an automated, continuous, build process that reviews the source code, identifies build errors and notified appropriate parties to expedite/facilitate synchronization to the latest.
* Setting up the new build environment for various applications in Windows/Linux environment.
* Troubleshoot Build issues and coordinate with development team on resolving those build issues.
* Administered and Engineered Jenkins for managing weekly Build, Test and Deploy chain, SVN/GIT with Dev/Test/Prod Branching Model for weekly releases.
* Integrated Build Process through Jenkins to various SCM tools like GitHub, SVN.
* Used Jenkins as continuous integration tool: creating new jobs, managing required plugins, configuring the jobs selecting required source code management tool, build trigger, build system and post build actions, scheduled automatic builds, notifying the build reports etc.
* Prepare relevant documentation for releases such as Build/Release and Release notes.
* Responsible to perform operations like build with Maven Scripts, while implementing the required modifications in the Maven Script to perform operations, in accordance with the requirements of the project.

**Systems Engineer | Client: IQVIA**

**Role: System Admin**

* Active Directory users and groups management.
* Installing Antivirus, updated patches and security patches.
* Create, delete & manage user accounts, provide/revoke access to network folders & add/ remove users from mail groups.
* PC Maintenance, Trouble Shooting, Installation, configuration, and Upgradation.
* Knowledge of LAN environment & knowledge of connectivity to LAN printers & desktops.
* Working knowledge of email clients likes MS Outlook.
* Installation of MS Office suites & technical issues related to the same.
* OS installation: Win XP, Win Vista, Windows 7,8, & 10.
* Assembling, Hardware upgradation troubleshooting.
* MS Outlook configuration, Outlook Backup & Restore and troubleshooting.
* Printer installation and troubleshooting.
* Troubleshooting of hardware and O/S, like Hanging, RAM and SMPS.
* Basic Networking, Map Drive, Data Sharing.
* Remote Desktop and Remote Assistance.
* Sharing Folder, Sharing Device & Printer.
* Cabling, Patching, and LAN Troubleshooting.

**Place:**

**Date : (K Naresh)**