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**Professional Summary:**

* Overall **4 years** of IT experience with strong expertise **in DevOps, CI/CD Pipeline**, **AWS and Linux distributions.**
* Extensively worked on **Jenkins** by configuring and maintaining for the purpose of continuous integration (**CI**) and for End to End automation for all build and deployments.
* Extensively worked on AWS Cloud platform and its features which **includes EC2, VPC, EBS, AMI, SNS, RDS,CloudWatch, Cloud Trail, CloudFormation, AWS CLI, AWS Config, Autoscaling, CloudFront, IAM, S3, and R53**.
* Worked on source control tools like **GIT, Perforce** on UNIX & Windows Environments, migrated

subversion repositories to GIT.

Experience in using configuration management tools like **Ansible.**

* Experience in Writing **Ansible playbooks**, creating **Roles** to automate our build/deployment process and do an overall process improvement to any manual processes.
* Experience in creating **Terraform configuration** files to launch **AWS EC2 Instances** with MySQL installed, VPC and security groups.
* Implemented Continuous Integration concepts using **Jenkins.**
* Implemented **Docker** based Continuous Integration and Deployment framework.
* Experience in using Build Automation tools like **Maven, ANT.**
* Experience in using database technology such **SQL.**
* Install, configure, modify, test & deploy applications on **Apache Webserver, Nginx** & **Tomcat and JBoss**.
* Experience with **Linux systems**, virtualization in a large-scale environment, experience with Linux Containers (LXC) and Docker.
* Experienced in production, development and testing environments carrying **Windows, Linux, Red Hat Linux, RHEL, Centos** and **Solaris servers.**

**TECHNICAL SKILLS:**

* Platforms : RHEL, CENTOS, Ubuntu, Windows server 2012/R2/16
* Version control tools : GIT, GitHub/GitLab.
* CI tools : Jenkins
* Build tools : Maven and Ant
* CM Tools : Ansible and Terraform.
* Cloud : AWS EC2, VPC, EBS, SNS, RDS, EBS, CloudWatch, Cloud Formation,

Config, S3, Autoscaling, Cloud Trail, Lambda, Pivotal Cloud Foundry, CLI

* Databases : SQL server.
* Programming : Bash, C, Java.
* Container : Docker, Kubernetes.

**Education Details:**

BSC(M.S.Cs) Computer science in 2013 with aggregate of 70% in Sanjay Gandhi Govt college, Piler.

**Project 1:**

Company: OctagonIT LLC,

Client: AGL,

Title: Cloud/DevOps Engineer,

Duration: June 2019 to till date.

**Description:** Implemented CI/CD pipeline for multiple applications including the core Guidewire Suite Claims, Policy & Billing centers. Implemented IAC for multiple applications on AWS Cloud platform. Played a major role to automate Application & Infrastructure and achieved **Continuous Delivery for faster Production Releases.**

**Responsibilities:**.

* Configured **Auto Scaling Groups (ASG) using Launch Configurations** in customized **VPC**, based on **elastic load balancer (ELB)** traffic and using ELB health check in order to trigger **auto scaling actions**.
* Written **Terraform and PowerShell Scripts to provision Infrastructure as Code (IAC).**
* Created snapshots and Amazon machine images **(AMI)** of the instances for backup and creating clone instance and can create complex Identity and access Management **(IAM)** policies for delegated administration within AWS.
* Implemented rapid-provisioning and life-cycle management for Ubuntu Linux using **Amazon EC2, Ansible.**
* Created **AWS Cloud Formation templates** to provision custom sized VPC, subnets, NAT, EC2 instances, ELB’s and Security groups.
* Managed AWS EC2 instances utilizing Auto Scaling, Elastic Load Balancing and Glacier for our QA and UAT environments as well as infrastructure servers for **GIT and Ansible**.
* Acted as **Release Manager** on several projects utilizing various build and release tools like **Team Jenkins, Terraform.**
* Worked on integrating **Git(GitHub)** into the continuous Integration **(CI)** environment along with **Jenkins** Configured the services using modern DevOps tools.
* Installed and configured **GIT** to implement branching strategy which is suitable for agile development also provided continuous support and maintenance of software builds.
* Building/Maintaining **Docker container clusters** managed by **Kubernetes** Linux, GIT, Docker on AWS.
* Utilized **Kubernetes** and docker for the runtime environment of the CI/CD system to build, test and deploy.
* Worked with **Amazon Web Services** (EC2, Elastic search, Route53, Elastic Beanstalk, VPC, IAAS).
* Provided highly durable and available data by using **S3 data store, versioning, lifecycle policies**, and create AMIs for mission critical production servers for backup.
* Machine to create **Docker containers** for Testing applications in the QA environment.
* Created Docker images using a **Docker file,** worked on Docker container snapshots, removing images and managing **Docker volumes.**
* Automated various infrastructure activities like Continuous Deployment, Application Server setup, Stack monitoring using **Ansible playbooks** and has Integrated **Ansible with Jenkins.**
* Created and maintained **continuous integration (CI)** using tools Jenkins/Bamboo over different environments to facilitate an agile development process which is automated, enabling teams to safely deploy code repeatedly.
* Built Jenkins jobs to create AWS infrastructure from Gitlab/GitHub repos containing **Terraform scripts**.
* Worked on Configuration Management Tools like **Ansible** to create Ansible Playbooks to automate system operations.
* Worked on **branching, labeling, and merging strategies** for multiple applications across GitHub.

**Environment:**

Jenkins, Git, Linux, Kubernetes, Maven, Ansible, Bash, AWS -EC2, S3, VPC, Lambda, CloudWatch.

**Project: #2**

Client: West Field LLC,

Title: Cloud/DevOps Engineer

Duration: Jan 2017 to May 2019

**Description:** Implemented CI/CD for a Web application designed in Angular JS6 for UI and Dotnet core 2.0 as back-end services, it filters the country specific transactional data from Global Transactional Data in N.Virginia Region. This app store atleast 6 Month transactional data resides in local AWS region. Both VPC’s communicates through the channel VPC Peering and DB pointing to a Couchbase cluster.

**Responsibilities:**

* Implemented **CI/CD** process **for WebApp project** which was non-DevOps process earlier.
* Created **VPC’s in regions N.Virginia and Mumbai** and established a communication channel using **VPC peering** to allow resources to interact with each other.
* Setting up with **Jenkins** automation creating **docker** containers and building **Docker** images and pushed those images to **Docker** **registry**.
* Using **bash and Python**, included **Boto3** to supplement automation provided by **Ansible** for tasks such as encrypting EBS volumes backing AMIs and scheduling **Lambda functions** for routine AWS tasks.
* Created AWS **Launch configurations** based on **customized AMI** and use this launch configuration to configure **auto scaling groups** and Implemented AWS solutions using **EC2, S3, RDS, Route53, EBS, Elastic Load Balancer, Auto scaling groups**
* Worked with Developer Teams to help them understand and **adopt them to DevOps Process** which was manual process earlier.
* Created alarms in **Cloud Watch** service for monitoring the server’s performance, CPU, disk usage.
* Created automation scripts to launch AWS Cloud Watch agent, configure, restart in both Linux & Windows Agent.
* Optimized volumes and EC2 instances and created multi Availability Zone VPC instances. Maintained Route 53, VPC, RDB, SES and SNS services in AWS cloud.

**Environment**:

Jenkins, Gitlab, AWS- EC2, VPC, VPC Peering, Kinesis, S3, Rest API, SNS, Autoscaling, ELB, CloudWatch, RHEL, CloudFormation