**RESUME**

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**Objective:**

Having 5+ years of experience Build and release/DevOps engineering in automating, building, deploying and releasing. Looking forward to further my career in the same profile in a reputed organization with added responsibilities, with an eye at moving vertically in the organization by investing considerable amount of time in the project and organization.

**Summary:**

* Experience in implementing tools like **Docker, Kubernetes, Jenkins, Terraform, Ansible, HAproxy, Nagios, Icinga and Linux.**
* Hands-on experience on **AWS and Azure cloud**.
* Hands-on experience on provisioning instances using **Terraform**.
* Hands on experience on Terraform modules, resources and commands.
* Having experience in writing **Ansible** playbooks and roles for variable jobs in multiple platforms.
* Worked on **Jenkins** by creating jobs and Build and delivery using the same.
* Integrated Build Process through Jenkins with Bitbucket.
* Experience in creating containers with **Docker**.
* Having good experience in creating custome Docker Images using **Dockerfile**, delivering container based deployments using Docker.
* Having good experience on Docker Networking.
* Proficient with container systems like Docker and container orchestration like Container Service, **Kubernetes**.
* Good experience on writing yaml for **deployments, pods and services in** **kubernetes**.
* Experience on creating **secrets, RBAC and namespace in kubernetes.**
* Experience in deploying applications in Apache Tomcat application server.
* Good experience on writing ACL and redirecting HTTP requests based on host and path in **HAPROXY**.
* Good experience on configuring **Icinga and Nagios** for monitoring servers.
* Good experience in monitoring kubernetes cluster using **Prometheus and Grafana**.
* Having good experience in **AWS ec2, VPC, Subnets, S3, and Route53**.
* Having good experience on **Azure instances, resource group, NIC, NSG, Vnet and Storage account**.
* Hands on experience on **MySQL and Oracle** database.
* Good experience on **Linux and Unix.**
* Having good experience of writing shell scripting.
* Experience on bug tracking tools such as **JIRA**.
* Providing support to clients on weekends as well as on call.
* Working experience on the client side **abroad**.

**Professional Experience:**

* Working as Devops engineer in Myntra design pvt ltd, Bangalore.
* Worked as Devops engineer in Rumango software Solution, Bangalore.
* Worked as Devops engineer in Wipro, Bangalore.

**Education**:

* B.tech from Biju Patnaik University of technology (BPUT) in 2013.

**Technical Skill:**

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| --- | --- |
| **Configuration Management** | Ansible |
| **Containerization** | Docker, Kubernetes |
| **CI and CD** | Jenkins |
| **Monitoring tool** | Icinga, Nagios, Prometheus and Grafana |
| **Infrastructure as code** | Terraform |
| **Application server** | Apache Tomcat |
| **Virtualization** | Linux |
| **Database** | Oracle and MySQL database |
| **Operating System** | Centos, Ubuntu |

Project 1

**Project Title : E-commerce**

**Clint : Myntra**

**Role : Devops Engineer**

**Team size : 13**

**Environments : Centos and Ubuntu**

**Duration : Dec 2018 to till date**

**Project Description**:

Myntra is an Indian Fashion e-commerce Company headquartered in Bengaluru, India. The company sells personalized gift items. Mantra’s offered about 1,50,000 products of over 1000 brands, with a distribution area of around 9000 pin codes in India.

**Responsibility:**

* Involved in Terraform Installation in centos server.
* **Creating, updating, destroying instances and opening por**t **using Terraform in cloud platform and debugging errors.**
* **Involved in writing Terraform script variable format**.
* Setting up build automation of terraform scripts using **Jenkins**.
* Troubleshooting OS Performance Tuning related issues like Disk Space, CPU, Memory, Swap, Disk space etc.
* Managed disk space issue by enabling **log rotation and creating LVM** in severs.
* Setup Ansible server for configuration management and written **playbooks and roles** forpackages installation and server configuration.
* Troubleshoot errors in Ansible by enabling debug and log mode.
* Configured parallelized jobs in Jenkins to consume time for provisioning servers.
* Involved in writing Jenkins file for pipeline job.
* **Configured HA proxy in centos server and writing ACLs to redirect HTTP requests based on host and path.**
* Monitoring application health check using HA proxy stats.
* Involved in configuring and monitoring servers using Icinga to avoid server outage.
* Cleaned up unknown alerts and configured mail, SMS and slack alerts for different servers .
* **Set up Kubernetes cluster and written yaml file for creating deployment, pod and services.**
* **Provide read and write access role to namespace for users using RBAC in Kubernetes.**
* **Configured Prometheus and Grafana to monitor kubernetes resources like namespaces, prods and services.**
* Configured **filebeat** in kubernetes for managing logs and sent to a centralized log storage.
* Used Kubernetesto orchestrate the deployment, scaling and management of Docker Containers.
* Worked on Dockers Including Docker Installation, Creating Images and Containers.
* Managed scribe for log management of application servers and HAP servers.
* Installed and configured **gotail** service to send logs to centralized storage.
* Create MFA IAM user and provide managed privileged in Azure.
* Experience in Azure blob storage and security services IAM with an overall objective to improve the scalability, reliability, performance, and availability of the cloud infrastructure.
* Deploying, monitoring, managing and scaling workloads on virtual machines (VMs).
* Involved in DB installation and create DB in MySQL.
* Create and taking backup of Schema and database.
* Create and provide privileges to user.

Project 2

**Project Title : E-banking**

**Client : Azania Bank (Abroad)**

**Role : Devops Engineer**

**Team Size : 4**

**Environment : Ubuntu & Centos**

**Duration : Jun 2018 to Dec 2018**

**Project Description:**

Azania Bank is a complete web-based and centralized banking solution covering all the functions of a bank in Africa continent. It supports multi-currency transactions and all types of delivery channels. It uses state-of-the-art technologies to make it flexible, scalable and most modernized solution. The product has been developed using open, industry standard, proven technologies and high quality software engineering methodologies. Objectives To give competitive edge by re-positioning the bank To computerize each and every activity of the bank 24/7 services to the customer Modules Savings Bank, Current Account, Deposits, Loans, Cash Credit, Bills, Letter of Credit, Letter of Guarantee, Remittance, Forex, Cash, Clearing, Lockers, General Ledger, Administration, System Control and Treasury Management.

**Responsibilities:**

* **Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins**.
* Installed Jenkins on a Linux machine to implement multiple parallel builds through a build farm.
* Working closely with the dev team to manage CI environment using Jenkins, Code Commit.
* **Created Docker images using dockerfile and pushed to Jfrog artifactory.**
* Involved in deploying war files to the tomcat application server.
* Checking service resources, load on server, application deployment, orchestration by using Ansible adhoc commands.
* Written playbook and roles to install necessary packages in servers.
* **Deploy applications in Docker container using Jenkins.**
* Used Kubernetes to orchestrate the deployment, scaling and management of Docker Container.
* **Create deployments, services and managing pods in kubernetes** **using yaml file.**
* Install and configure Nagios for prod environments and configure different alerts on disk space, load, health check, port and process.
* **Add users to get notified of critical alerts** **and sent to the application owner** **in Nagios**.
* **Setup IAM, EC2, S3 in AWS**.
* Provisioning, daily operations, and monitoring of resources on AWS.
* Creating ec2 instances and IAM users in AWS.
* **Providing roles and privileges to IAM users in AWS.**
* Create S3 buckets and also manage policies for S3 buckets.
* Install and create database in MySQL server and take daily backup db.
* Create and provide necessary privileges to users.
* **Create LVMs and resolve disk corruption issue in servers.**
* Resolving issues get on daily basis through Jira ticket and mail.

Project 1

**Project title : Mediation**

**Client : T-mobile US**

**Role : Devops Engineer**

**Team Size : 5**

**Environment : Centos/Ubuntu**

**Duration : Sep 2014 to May 2018**

**Project Description:**

T-mobile US Mediation is a converged mediation which resides at the boundary between the network and the business support systems to improve billing accuracy and granularity, support new competitive services, deliver revenue assurance for BSS systems and prepare data for analytics, IoT or other OSS systems thereby acting as a key data monetization enabler.

**Responsibilities:**

* Troubleshooting OS Performance Tuning related issues like Disk Space, CPU, Memory, Swap, kernel parameters issue etc.
* Involved in Architect, build and maintain Highly Available Structure utilizing **Ansible** and **Jenkins** for continuous integration.
* Created Ansible playbook and roles for configuration of servers and deployment activities.
* Participate in building the DevOps Platform using configuration management tool like Ansible.
* Installed and configured Ansible Master and hosts for automation deployment.
* Configuring Apache tomcat server using Ansible.
* Worked closely with the dev team to manage CI environment using **Jenkins,** Code Commit in Bitbucket.
* Installed Docker instances to Stage, UAT and Prod Servers using Jenkins.
* Created Docker images using **Docker files** to support containerization of applications.
* Worked on several **DOCKER** components like **Docker** engine and handling multiple images primarily for middleware installations and domain configurations.
* Configuring and deploying flask applications in **Apache Tomcat application server**.
* Installation of Nagios servers & Nagios Clients for the Performance measurement and monitoring of the nodes and configured critical alerts for Nagios to avoid ad-hoc situations.
* Involved in creating standalone oracle database in Linux server.
* Take full backup and datapump backup in database.
* Involved in setting up data guard for Prod environment.
* Create user and grant & revoke permission to user.
* Troubleshoot issues based on Jira tickets.

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