

Resources - 4

Professional Summary:

- Having 3+ years of IT experience as a **DevOps Engineer** and **DB Administrator** role in the field of Software Configuration Management.
- Experience in using configuration management tool like **Ansible**.
- **Experience in creating playbooks in ansible for managed remote machines.**
- Expertise in **Docker** creating dev environment, QA environment and Production environment
- Good knowledge of docker compose and dockerswarm for linking multiple containers.
- Implemented micro services architecture using docker
- Extensively worked on **Amazon web services (AWS) cloud** instances. Created **EC2** instances, generated key pairs, dedicated hosts, volumes, Load Balancers and Security Groups and worked on **EFS** and **VPC**.
- Design roles and groups for users and resources using **AWS Identity Access Management (IAM)**.
- Created snapshots and AMI (Amazon Machine Images) of instance for backup.
- Storage using S3 bucket and configuring instance backups to S3 bucket.
- Experience in performing system monitoring using Cloud Watch in AWS.
- Hands on experience in automating **CI & CD** using **Jenkins**.
- Automated the complete build and deployment process with Jenkins.
- Experience in using version controller tools like **GIT**.
- Good Knowledge in **bash (shell) scripting**.
- Experience on working with release and deployment in various environments such as Redhat, Ubuntu, and Windows
- Strong ability to troubleshoot any issues generated while building, deploying and in production support.
- Good interaction with developers, managers, and team members to coordinate job tasks and strong commitment to work.
- Having Strong Knowledge on **SQL**
- Have excellent problem solving, time management skills, ability to work independently or as part of a team.

Technical Skills:

Continuous Integration : Jenkins

Operating Systems	:	Windows and LINUX.
Cloud Environment	:	AWS
Configuration Management	:	Ansible
Containerization tool	:	Docker
Build Tools	:	Maven, ANT.
Version Control Tools	:	GIT
Application Servers	:	Apache Tomcat
Scripting languages	:	Shell Scripting, SQL
RDBMS	:	Oracle 10g, 11g, 12c.
Repository Management	:	GITHUB.
Virtualization Tools	:	VMware, Oracle virtual box
Monitoring Tools	:	Nagios

Work experience:

- Working as a DevOps Engineer for **TCS, Hyderabad** From July-2015 to Till date.
- Worked as a Database Administrator in **TCS, Pune** From June-2014 to May-2015.

Project#1:

Project Title	:	Makemy trip Portal
Client	:	Makemy trip
Role	:	DevOps Engineer
Duration	:	June-2016 to till date
Team Size	:	4
Environment	:	AWS,Docker, Ansible,GIT, Maven, Jenkins, Red Hat Linux, Tomcat Application server.

Description :

The **Makemytrip Portal** is a Web application that allows customers to request different online travel related services across the Web. Currently, these services consist of booking of International and Domestic flight tickets and its price, insurance and booking offers and also services such as reservation of Bustickets, Train tickets in India and national and international Hotel booking with different packages.

Responsibilities:

- Managing **Ansible** playbooks & Roles for Automate the configurations & deployments
- Execute the Ansible Ad-hoc commands on-demand

- Good Understanding with core concepts such as setup, Inventory, Playbooks, Roles, Tasks and Modules
- Automate the Infrastructure and Configurations by using **Chef**
- Creating & managing the **cookbooks** and upload into chef-server
- Tracking and monitoring all the automation scripts with the source code management tool such as Github
- Maintaining GIT Repositories, Handling Releases and Branching activities
- Extensively used **Jenkins** for continuous integration & delivery
- Configuring **Jenkins** jobs and schedule jobs using POLL SCM option and integrated the tools with Git & Maven
- Using nexus to store generated artifacts and versioning the artifacts with time stamp
- Deploying the artifacts in different environments by creating pipeline in jenkins
- Experienced in writing Docker file and pushing Docker images to DockerRegistry
- Creating EC2 Instance using image selection and adding N/w /security using VPCS, Subnets, Security groups, Route Tables in AWS
- Worked on S3's buckets, ELB for distributing traffic among multiple web servers
- Monitoring various resources such as CPU utilization, memory utilization, file System space issue
- Daily involved in team stand-up calls

Project #2:

Project Title	:	Avaya Diagnostic Server (ADS)
Client	:	Avaya Diagnostics
Role	:	DevOps Engineer
Duration	:	Aug 2015 – May 2016
Team Size	:	5
Environment	:	GIT, Maven, Jenkins, Ansible ,Docker, Red Hat Linux, Tomcat Application server.

Description:

Avaya Diagnostic Server is an Avaya serviceability solution for advanced diagnostic services and remote support to Avaya products. Avaya Diagnostic Server takes the serviceability approach to an advanced level by adding remote phone control, phone event monitoring, and network diagnostic capabilities. Avaya Diagnostic Server provides faster time-to-resolution and better performance visibility across the network compared to the traditional approach of network diagnostics.

Roles and Responsibilities:

- Automated the bundling process and reduced all the manual intervention needed and merged that to the Jenkin's job.
- Automated builds using **Jenkins and Maven**.
- Setup DEV, QA and UAT environments for every sprint using **Ansible**.
- Making use of Ansible super market for 3rd party playbooks.

- Create and establish build process using Maven to perform builds efficiently and deployment of the application using Tomcat.
- Created custom **Docker** images using **Dockerfile**.
- Identify, troubleshoot and resolve issues related to build and deploy process.
- Experience in writing environment checks using **Shell scripting**.
- Enhanced build infrastructure by adding more automation to build scripts.

Project 1:

Organization	:	TCS
Project	:	Hanes Brands INC
Role	:	Associate Database Administrator
Environment	:	Oracle 11g, SQL, Red Hat Linux
Duration	:	July 2014 to May 2015

Description:

This Project is mainly for maintaining the databases of Hanes Brands employee's information their payroll and Hanes Brands products and online shopping database information.

Roles & Responsibilities:

- Performing all the Database Administration activities like space management, users, and roles and checking alert log of the database.
- Provided regular DBA support for the database servers
- Creating and Managing Table spaces, Data files, Control files and Redo Log files.
- Creating roles, profiles and attaching them with users.
- Performing Cold and Hot backups.
- Performed database backup using RMAN.
- Adding or resizing Data files to tablespaces as requirement
- Monitoring System Global Area (SGA) and managing when it requires.
- Backing up the control file to trace.
- Monitoring Alert log files.

Education qualifications:

Completed Bachelor of Technology in Electronics and Communication from JNTU, Hyderabad in 2014.