**PRASAD SUSARLA**

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**Summary:**

* Acquired 4+ years of IT Experience in that 2+ years as a **DevOps** Engineer in the field of **Software Configuration Management**.
* Experience in Configuration Management tools such as Ansible.
* Writing Ansible playbooks to automate Infrastructure as a code.
* Implemented CI using Jenkins and continuous deployment.
* Highly motivated and committed DevOps Engineer experienced in Automating, Configuring and deploying instances on AWS cloud environments and Data centres, also familiar with EC2, Cloud watch, and Elastic IP's and managing security groups on AWS.
* Experience in Version Control System such as Git Hub.
* Experience in using Tomcat and Apache web servers for deployments.
* Worked on "Continuous Delivery" project, streamlining Dev workflow, integrating automated validation, and delivering standardized releases based on Docker to Operations for deployment.
* Experience in implementing continuous delivery (CD) pipeline with Docker, Maven, Jenkins, Git Hub and AWS AMI's in Linux environment.
* Create and maintain fully automated CI/CD pipelines for code deployments.
* Built and deployed Docker containers to break up monolithic app into micro services, improving developer workflow, increasing scalability, and optimizing speed.
* Automated build and deployment using Jenkins to reduce human error and speed up production processes.
* Managed Git Hub repositories and permissions, including branching and tagging.
* Configuration management using Ansible.
* Designed an Architectural Diagram for different applications before migrating into Amazon cloud for flexible, cost-effective, reliable, scalable, high-performance and secured.
* Build servers using AWS services like launching EC2, RDS, creating security groups, auto-scaling, load balancers (ELBs) in the defined virtual private cloud (VPC) and storing the websites and applications in Simple Storage Service (S3) as buckets.
* Create and maintained clusters in AWS using ECS.
* Creating alarms in Cloud watch service for monitoring the server’s performance, CPU Utilization, disk usage etc.
* Deployments and involved in working for a high scalability and high availability environment running Linux.
* Documenting all the processes for above, issues caused and its solutions in timely manner.
* Setting and maintaining CENTOS/RHEL and Ubuntu servers in Production and Lab Environments.
* Installation, configuration and administration of Linux (Red Hat, Centos).
* Interact with various teams and clients and as per their requirement we will create docker files and place those images in docket hub.

**Work Experience:**

* Currently working as a **DevOps Engineer** in **Zensar Technologies**, Pune from Aug 2018 - Till date
* Worked as **DevOps Engineer** in **IBM,** Noida fromFeb 2017 to July 2018.

**Technical Skills:**

Operating systems : Linux, Windows

Virtualization : Vagrant

Version Control tools : Git, Github

Cloud Technology : AWS

Continuous Integration Tools : Jenkins

Build Management tools : Maven

Web Server : Apache2

Application Servers : Apache Tomcat, Nginx

Configuration management tool : Ansible

Scripting : Shell Scripting, Python Scripting

Code Review Tool : SonarQube

Artifactory Management tool : Nexus, JFrog

Containerization : Docker, Kubernetes

Monitoring Tools : ELK (Elastic search), Nagios

Testing Tools : JIRA

DB Tools : SQL, RDS

**Professional Experience:**

**Project Name : Bank Services,**

**Period : Aug 2018 to Present**

**Client : HSBC**

**Domain : Banking**

**Technology : Git, Red Hat Linux, Jenkins, Maven, Ansible, Docker, AWS, Kubernettes.**

**Role : DevOps Engineer**

**Roles & Responsibilities:**

* Software Configuration management (Automate CI & CD pipe using Ansible, Maven, Jenkins & GIT).
* Creating playbooks in Ansible for configuration and Deployment activities.
* Automating AWS cloud deployments using Shell script and Ansible.
* Deploying applications on to their respective environments using elastic beanstalk.
* Creating S3 buckets and creating VPC.
* Configured packages, services using Ansible modules like yum, service, templates, handlers etc.
* Configured Jenkins Jobs, install plugins for generating Project artifacts.
* Responsible for tagging and maintaining code on version control GIT.
* Creating Jenkins Master and slaves by using Master slave Architecture.
* Responsible for creating Builds and Deployments Plans.
* Perform Build activities using Maven and Jenkins tools.
* Perform Deployment of WAR/JAR files in Tomcat application servers using Docker.
* Building docker images from docker files.
* Automate the build Process using Jenkins jobs.
* Verifying deployments logs to check for successful deployments.
* Convert the playbooks in Roles for reusability and Scalability.
* Monitoring nodes using cloudwatch.
* Perform deployments to multiple environments like Dev, QA and UAT environments.

**Project Name : Global Pharma, USA**

**Period : Feb 2017 to July 2018**

**Domain : Life Sciences**

**Technology : Git, Jenkins, Linux, Docker, Maven, Ansible, Shell Script, Nagios**

**Role : DevOps Engineer**

**Roles & Responsibilities:**

* Software Configuration Management ( Using Ansible, Git, Maven, Jenkins, Linux )
* Creating branches and tags using GIT.
* Maintaining the Git Repository.
* Using branching strategy for source code management and Ansible files in Git.
* Environment provisioning using Docker.
* Creating and maintaining the Jenkins slaves for distribution of loads.
* Automate the build process using Jenkins jobs.
* Responsible for creating the new build setup and new projects using Jenkins and resolving Build issues.
* Responsible for Creating Daily builds, Continuous build, Deploying and Posting Patches, Automating Patch Build Process.
* Monitoring daily builds using CI tool Jenkins.
* Experience in implementing CI/CD operations using Jenkins.
* Deployed and monitored scalable infrastructure on Amazon web services specifically on AWS EC2.
* Verifying logs if build fails.
* Creating Docker images and managing docker registry.
* Convert the playbooks in Roles for reusability and Scalability.
* Monitoring and maintaining nodes using Nagios.
* Verify Deployment logs to check for successful deployments.
* Performing deployments to multiple environments like DEV, QA, and UAT.

**Client : MDS health and life sciences**

**Period : June 2015 to Jan 2017**

**Project : Implementation**

**Role : Linux Administrator**

**Environment : Redhat Linux, SSH, AWS, Github.**

* Installation and configuration of Red Hat Linux, Ubuntu and Centos OS on new server builds as well as during the upgrade situations.
* Log management like monitoring and cleaning the old log files.
* System audit report like no. of logins, success & failures, running cron jobs.
* Monitor the systems, processing unit, Memory Storage, network, etc. and identify technical defects.
* Created user roles and groups for securing the resources using local operating system authentication.
* Taking backup using tar and recovering during the data loss.
* Maintained User accounts and groups, setting up User environments in Linux.
* Managed system installation, troubleshooting, maintenance, managing storage resources, network configuration to fit application and database requirements.
* Removed, Installed, Upgraded, and queried software packages using RPM and YUM.
* Monitored and fine tuning system and network performance for server environments running ubuntu, Redhat Linux. Resolve the user queries with regards to software and hardware functioning.
* Worked on version control using Github.
* Involved in creating new users, groups and setup their home directories and appropriate access restrictions to software in the Active directory environment and NIS domains.

**Personal Information:**

Date of Birth: 25th August, 1993

Marital Status: Single

Permanent Address: D. No. 14-9-11, Sankaramath complex, Tirumalarao Street, Hanumanpet, Vijayawada – 520003.

Languages known: English, Telugu & Hindi.

Current Location: Pune

Preferred Location: Pune, Hyderabad.

**Declaration:**

I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

Date:

Place: (S Prasad)