**RESUME**

PRAKASH BEEGALA

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**Career Objective**

Looking for a challenging growth oriented position, where my technical skills can be effectively utilized and improve eventually leading to the contribution in growth of organization.

**Experience Summary**

* Over all 3+ years of IT experience in DevOps Engineer, AWS cloud computing and System Administrator operations.
* Experience in system administration on Linux and windows environments.
* Experience in Version Control Tool (GIT), Ansible, Jenkins.
* Providing Remote LINUX and windows System Administration.
* Remote administration through Putty, SSH and RDP.
* Performing Mount and Unmounts operations on file systems.
* Creating and managing user accounts, groups and access levels using root or SUDO. Used IAM to create new users, roles and groups.
* Configuring the LVMs and adding the additional disk space as and when required.
* Installing and Configuration of Open SSH.
* Experience in working on source controller tools like subversion (SVN) and Distributed version control system like GIT.
* Install the GIT and configure the global credential. Created the GIT Hub repository and Push the changes to the GIT Hub.
* Pull the changes from the GIT Hub, Created the branches and labels and apply the tags to the Branches.
* Extensive experience on Jenkins for continuous integration and end to end automation for all build and deployments. Implemented the setup for Master slave architecture to improve the Performance of Jenkins.
* Experience in implementing continuous delivery pipeline with Docker, Jenkins and AWS.
* Used Jenkins for Continuous Integration and deployment into Tomcat.
* Experience in configuring and updating the servers using configuration management tools like Ansible.
* Developed Docker file for different environments. Experience working on several Docker components like Docker engine, Hub machine, creating Docker images composes.
* Configured the servers with the Nagios monitoring and monitored the performance metrics of the production servers.
* Experience in Build tools like ANT, MAVEN.
* Experience in using AWS including EC2,EBS volumes, worked with snapshots Familiar in Amazon S3 - To Create Buckets, Upload Data, Set Permissions, and setup and configuration cloud watch , cloud formation and AMI.
* Utilized Cloud Watch to monitor resources such as EC2, CPU memory, Amazon RDS DB services, Dynamo tables, EBS volumes, to set alarms for notification or automated actions, and to monitor logs for a better understanding and operation of the system.
* Managing AWS instances via monitoring tool and action the alerts accordingly.

**Professional Experience**

* Worked as an Administration Associate at Muralikrishna Infracon(B) Pvt Ltd. from February-2014 to May-2015.
* Currently working as a Devops Engineer with Tech Mahindra (Client), Pune from June-2015 to till date.

**Academic Profile**

Bachelor’s of Engineering in Computer Science & Engineering from JNTU Anantapur University.

**Tools Known**

|  |  |
| --- | --- |
| Configuration Management Tools | Ansible |
| Continuous Integration Tools | Jenkins |
| Operating Systems | Linux and Windows Family |
| Cloud Services | AWS-EC2,S3,EBS,Snapshots,IAM,AMI,RDS,Cloud Formation,Cloud Watch,Auto Scaling |
| Version Control/Repository | GitHub, Git, SVN |
| Scripting Languages | Python and shell scripting. |
| Building Tool | ANT, MAVEN |
| Virtualization | Docker, VM Ware and virtual box. |
| Web Application Servers | Tomcat, HTTPD. |
| Ticketing Tools | ServiceNow, REMEDY |
| Monitoring Tools | Nagios |

**Project:1**

**Client : SMITHS MEDICAL**

**Project : Implementation&Supporting.**

**Role : Devops Engineer**

**Environment : Linux, Git, Jenkins, Shell Scripting, Docker, AWS, Ansible, Nagios**

**Description**

Smiths Medical is UK based client. It has operations in over 50 countries and it is a supplier of specialist medical devices such as a medical thermometers, tongue depressors, disposable gloves etc and equipments like dialysis kits, Heart rate monitors, BP monitors etc for global markets. The devices include drug delivery systems that help treat to cancer patients and they have products for health care and viral infections. Client that provides enabling products and services for the development of drugs. Smith’s medical is one of the fastest-growing companies in the United Kingdom.

**Responsibilities**

* Launching Amazon **EC2** Cloud Instances using Amazon Images (Linux/Ubuntu) and Configuring launched instances with respect to specific applications.
* Managing Linux, **VM**ware and **AWS/VM**'s.
* Responsible for managing source code repository **GIT**, creating Tags, Branches and Branch Merges
* Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments.
* Implemented the setup for Master slave architecture to improve the Performance of Jenkins and also to implement multiple parallel builds through a build farm
* Worked in implementing continuous delivery pipeline with Docker, Jenkins and AWS.
* Used Jenkins for Continuous Integration and deployment into Tomcat.
* Install the Docker on Ubuntu.
* Pull and Run the base images in the Docker from the Docker HUB.
* Worked on **Docker** container snapshots, attaching to a running container, removing images, managing Directory structures and managing containers.
* Automatically deploy the applications using Ansible. Worked with Ansible playbooks.
* Remote Administration through putty, ssh.

**Environments:** Linux, Jenkins, Docker, GIT, AWS, VM's, EC2, Apache Tomcat.

**Project:2**

**Client : KESKO**

**Project : Implementation**

**Role : Devops Engineer**

**Environment : AWS, Jenkins, LAMP, Docker, Apache, Nginx, Git, Nagios**

**Description**

The key focus areas in Kesko's business operations are to strengthen sales growth and the return on capital in all divisions, to exploit business opportunities in e-commerce. The need to purchase goods for the shareholder-retailers and to support their business operations and start cooperation among them resulted in the forming of the K-retailer group. They are in Supermarkets, hypermarkets, hardware retail, auto sales, department stores, consumer durables and agricultural supplies services.

**Responsibilities**

* Defined and Implemented **CM** and **Release Management** Processes, Policies and Procedures.
* Written Simple **Ansible** YAML scripts to configure the servers.
* Written Ansible YAML scripts that can store the credentials for various sandboxes and secured them on the remote servers.
* Automatically deploy the applications using Ansible.
* Install the Docker on Ubuntu.
* Pull and Run the base images in the Docker from the Docker HUB.
* Configuring the **Docker** containers and creating **Docker** files for different environments.
* Coordinate/assist developers with establishing and applying appropriate branching, merging conventions using **GIT** source control.
* ContinuousDelivery is being enabled through deployment into several environments of Test, QA, Stress and Production using Jenkins.
* Implemented the setup for Master slave architecture to improve the Performance of Jenkins and also to implement multiple parallel builds through a build farm.
* Worked in automating builds and deployment process using Shell scripting.
* Managed and monitored the server and network infrastructure using **Nagios**.
* Work with development/testing, deployment, systems/infrastructure and project teams to ensure continuous operation of build and test systems.

**Environment**: Git, CI/CD Tool Jenkins, Docker, Apache Tomcat, Nginx, Nagios. AWS.

**Declaration**

I hereby declare that the given information is true to the best of my knowledge and belief. I shall be grateful if you could provide me an opportunity to be a part of your esteemed organization.

**Place:** Pune

**Date:**  ( **BEEGALA PRAKASH )**