John Basha Shaik

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**Experience:** 3+ years of Experience in Linux Administration to Support of various applications on CentOS, RHEL, Ubuntu and Implementing Organization DevOps strategy in various environments of Linux and windows servers along with adopting Cloud strategies based on Amazon Web Services (AWS).

**Professional Summary:**

* Working experience on With Configuration Management (CM) tools like **Chef** and **Ansible**.
* Configured and administered the Continuous Integration (CI) tools like **Jenkins** for Build Process Automation.
* Expertise in using build tools like **MAVEN** for the building of deployable artifacts such as **WAR** into application servers.
* Experience on **SonarQube** for the Code Analyzing.
* Used **Gerrit** for the code review purpose.
* Worked on version controls like **GIT** and **SVN**.
* Indepth Experience/Knowledge on **Docker** working strategies( Clustering, Networking, Micro services, Swarm).
* Having experience in creating custom DockerImages using Dockerfile.
* Working experience on **Vagrant** for creation of Virtual Environments.
* Experience/Sound in **Amazon AWS Cloud** which includes : EC2, EBS, EFS, S3, VPC, IAM, RDS, Route 53,Code Pipeline, Cloud Watch, Cloud Formation etc..,
* Experience in applying security by using **ACL** operations, **SUID, SGID** and **Sticky bit**.
* Configuring the **LVM** (Logical Volume Manager) to extend the logical volumes.
* Monitoring the server Health - **CPU, Memory, Disk space**.
* Schedule and execute **cron jobs**.
* File sharing through **rsync, scp, ftp.**
* Backup and Restore the server data using **gzip** and **tar**.
* Monitoring the Servers performance using with performance monitoring tools like **top** and **ps**.
* Performing **Kickstart** installation.
* Good Knowledge on networking , how to set IP address, subnet address by using **nmtui** and **nmcli** commands.
* Knowledge on Networking concepts such as TCP/IP, UDP, SSH and TELNET.
* Knowledge in Installing, configuring, and maintaining of **FTP, SAMBA and NFS**.
* Knowledge on **shell** scripting.

##### Technical Skills:

**Operating Systems**: Linux (CentOS, RHEL, Ubuntu) & Windows

**Configuration Management tools**: Chef, Ansible

**Continuous Integration tool:** Jenkins

**Continuous Inspection tool:** SonarQube Repository

**Containerization tool:** Docker

**Version Controls**: Git & SVN

**Cloud** :Amazon Web Services

**Monitoring Tool**: Nagios

**Log Monitoring**: Elastic Search, Log Stash, Kibana

**Ticketing Tool**: Jira

**Database**: MySQL

**Virtualization**:Vagrant, Vmware

**Web/Application servers**: Apache Tomcat, JBoss

**Scripting/languages**: Shell Scripting, Ruby

**Education:**

B Tech (Electronics & Communications) from JNTU Kakinada-2014, Andhra Pradesh.

**Experience Summary:**

* Working as an DevOps Engineer with BKFS Pvt. Ltd. from Sept 2015 - till date
* Worked as Linux Administrator at CSC India Pvt. Ltd. from June 2014 - Aug 2015

**Work Experience 1 :**

**Company**: BLACK KNIGHT FINANCIAL SERVICES **from Sept 2015 - till date**

**Role:** DevOps Engineer

**Platform:** AWS, Linux, Windows

**Rolls & Responsibilities:**

* Responsible for maintaining and improving our uptime record and performance, monitoring, health of the servers.
* Automating the infrastructure by using Chef Concepts as per requirements.
* Setup DEV, QA environments for every sprint using Chef & Ansible.
* Configure jobs and pipelines using Jenkins.
* Administered and Engineered Jenkins for managing weekly Build, Test and Deploy chain as a CI/CD process GIT with Dev/Test/Prod Branching Model for weekly releases.
* Helping Development teams automate the environment setup using tools like Chef, Ansible, Vagrant.
* Implementing a Continuous Delivery framework using Jenkins, Chef, Maven in Linux environment.
* AWS Cloud management and Chef Automation.
* Developed and Maintained Cookbooks and Recipes for Configuration Management using Chef.
* Maintained Secret files or Passwords using Data bags.
* Tested Cookbooks using Test kitchen.
* Setting up and maintaining volumes of Docker Containers as a backup.
* Provisioning the Vagrant as per the requirement of Dev, QA.
* Writing Dockerfiles for image creations.
* Setting up local test environments if required on the Engineers machine using Vagrant and VirtualBox.
* Automating Building Up Docker images using CI.
* Deploying Artifacts through Jenkins on to Application Server.
* Configured Git to inform all the teams about the latest changes happening on it to avoid conflicts due to the push before pull issue.
* Maintained SVN repositories for DevOps environment: automation code and configuration
* Applying the group policies and providing the security.
* Setup/Managing Linux Servers on Amazon ( EC2, EBS, EFS, ELB, Security Groups).
* Setup/Managing VPC, Subnets; Blocking suspicious ip/subnet via ACL.
* Create/Managing buckets on S3 and store db and logs backup.
* Creating/Managing AMI/Snapshots/Volumes,Instances, Upgrade/downgrade AWS resources (CPU, Memory, EBS).
* Monitoring servers thorough Amazon Cloud Watch.

**Work Experience 2 :**

**Company:** COMPUTER SCIENCES CORPORATION **from June 2014 - Aug 2015**

**Role:** Linux Administrator

**Platform:**  Linux

**Rolls & Responsibilities:**

* Deploying Patches and packages to production servers.
* Managing User and Group Administration. Quota configuration for Users and Groups.
* Experience in applying security by using ACL operations, SUID, SGID, STICKYBIT.
* Using SUDO to give root access to normal users.
* Installation, configuration and maintenance of LVM on RHEL.
* Monitoring and managing Swap space.
* Monitoring system resources, logs, disk usage, scheduling and monitoring backups and restore.
* Backing up Server data using tar, gzip, scp etc.
* Setting up and securing remote logins using SSH.
* Package Administration (RPM & YUM).
* Implementing RAID levels (RAID 0, 1, 4, 5, 6).
* Processes administration and Management like monitoring, start/stop/kill various processes.
* Handling and response to the mails, such as providing information to user.
* Checking all logs services and troubleshooting the problems.
* Providing Security to Linux by using SElinux.
* Creating Links like Soft Link and Hard Link.
* Installing, configuring and maintaining of SAMBA, Web (Apache) and NFS, Autofs Servers.
* Preparing Kick start files to automate Linux Operating system installation.
* Knowledge on configuration of FTP, DNS And DHCP servers
* Knowledge on Configuration of LDAP Client , ISCSI & Squid proxy server.

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