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**Summary**:

* Overall 3years of experience in IT industry 1+ years of experience as a LINUX Administrator and 1+ years of experience in the field of Devops Engineer in application configuration, code compilation, packaging, building, automating, managing and releasing code from one environment to other and deploying to servers.
* Experience on RHEL 5/6/7 implementation Administration, Installation & Maintenance.
* Experienced in jenkins by installing, configuring and maintaining for purpose of continuous integration (CI) and for end-to-end automation for all build and deployments and creating jenkins CI pipelines.
* Configuration of various network related services like NFS, DNS, FPT and Samba Server.
* Maintained GIT workflows for version control (source code management).
* Experienced in branching, merging and maintaining the versions using SCM tools like Git and GitHub on Linux platform.
* Experience in Configuring and Integrating the Servers with different environments to automatically provisioning and creating new machines using Configuration management/provisioning tools like Ansible.
* Experienced in the creation of Docker containers and Docker consoles for managing the application life cycle.
* Experienced in project management and issue tracking tool like JIRA.
* Created Development Environments in Amazon Web Services using services like VPC, ELB, EC2 and RDS instances.
* Hands-on knowledge of software containerization platforms like Docker and container orchestration tools like Kubernetes.
* Creating custom docker images using Docker file for easier replication of DEV and QA Environmental in local machines.
* Knowledge on software methodologies like Waterfall model and Agile Methodology.
* Successful management of Kubernetes cluster on production grade environment.
* Extensive implementation and troubleshooting experience under Client Server Systems and their applications.
* Strong technical background in Storage, Disk Management, Logical Volume Management (LVM) and logical partitioning.
* Management of User accounts, System security, change management and performance tuning.
* Ability to handle multiple tasks and work independently as well as a team member
* Provided on-call support and worked with Vendors on system issues and bugs for its resolution.
* Proficient in System administration, System planning, co-ordination, commissioning, setting up security hierarchy and capacity planning.
* Worked on flexible hours for production, backup and on-call support for 24/7 environments.

**Professional Experience:**

 Working as Devops Engineer in RedM Technologies Pvt Ltd, Hyderabad from NOV-2017 to till date.

**Technical Skillset:**

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| --- | --- |
| Operating Systems | Red hat Enterprise Linux 6.x,7.x Centos 6.x,7.x |
| Virtual Environment | Oracle Virtual box, VMware Workstation |
| Scripting Language | Shell Script |
| Cloud Platform  | AWS EC2, S3, RDS, ELS, EBS, Auto scaling |
| Versioning Tool | GIT |
| Ticketing tool | Jira |
| Configuration management tool  | Ansible |
| Monitoring Tool | Nagios |
| Build Tool | Maven |
| Continuous Integration  | Jenkins |
| Containerization | Docker, Kubernetes |

**Work Experience***:*

Organization**-RedM Technologies Pvt Ltd** **Nov-2017 till-date**

***Roles and Responsibilities***

* Monitoring Linux server machines, services and firewall 24x7 via email alerts using Nagios Core.
* Package management using RPM.
* Solving dependencies using YUM from Local YUM repository.
* Installation/Administration of TCP/IP, NFS, DNS, DHCP.
* Using disk-partitioning utilities like fdisk and parted for making ext2, ext3, ext4 partitions for IDE and SCSI hard disks.
* Able to implement and manage the Linux administration through GUI and CLI mode.
* Troubleshooting network related issues, sharing the resources among the users.
* Worked extensively with Network File System (NFS) for storage.
* Monitored System Activities like CPU, Memory, Disk and Swap space usage to avoid any performance issues.
* used Jenkins tool to automate the build process.
* Installing and configuring jenkins master and slave nodes. Built CI/CD pipeline and managing the infrastructure as a code.
* Have experience in cloud platform like AWS.
* Worked in GIT to manage source code.
* Automated the continuous integration and deployments using Jenkins, Docker.
* worked on Docker container to create Docker images for different environments.
* Built and deployed Docker containers to break up monolithic app into microservices, improving developer workflow, increasing scalability, and optimizing speed.
* Written the Ansible YAML scripts to configure the remote servers.
* Proposed branching strategy suitable for current application in GIT.
* Worked on creating the Docker containers, Docker container images, tagging and pushing the images and Docker consoles for managing the application life cycle.
* Deploy Docker Engines in Virtualized Platforms for containerization of multiple applications.
* Configure Docker container for automated testing purposes.
* Automated configuration management and deployments using Ansible playbooks and creating roles and updating Playbooks to provision servers by using Ansible.
* Installing, Configured and management in Ansible Centralized Server and creating the playbooks to support various middleware application servers, and involved in configuring the Ansible tower as a configuration management tool to automate repetitive tasks.
* Responsible for taking the source code and compiling using Maven and package it in its distributable format, such as a WAR file.
* Replications of the pods as per the requirements on Kubernetes.

I hereby declare that the information that I have furnished is authentic and true to the best of my knowledge.

Shiak Tippu Mastan