**Sree**

[**xxxxxx@gmail.com**](mailto:xxxxxx@gmail.com)

**Mobile:+91-xxxxxx DevOps Engineer**

**Summary:**

* Over 3.11 years of experience on **DevOps** and **System Administration** working on RedHat Linux, CentOS, Ubuntu Linux, and Amazon Linux environments.
* Experience in creating the company's **DevOps** strategy in a mix environment of Linux **(RHEL,CentOS,Ubuntu)** servers along with creating and implementing a cloud strategy based on **Amazon Web Services.**
* Experience configuring and updating the servers using **configuration management** tools like **Chef, Puppet, Ansible.**
* Virtualized the servers on AWS using the **Docker**, created the Docker files and version controlled them.
* Developed complex **build, test, provision, secure and deployment** systems and providing support to a large community of developers and testers
* Conducted the Devops Process Planning.
* Automating Deployment of Servers on **VMWareand Cloud**
* Managed servers on the **Amazon Web Servicies (AWS)** platform instances using Puppet, chef configuration management.
* Experience on **Amazon EC2, Amazon S3, Amazon Autoscaling, IAM, RDS, Route 53, VPC, Amazon Elastic Load Balancing, CloudFormation,**  and other services of the **AWS** family.
* Created and maintained various DevOps related tools for the team such as provisioning scripts, and development and staging environments on **AWS and Cloud.**
* Provisioned and deployed the AWS resources using the Puppet and OpsWorks.
* Experience configuring puppet, chef and ansible on various servers.
* Experience in configuring the **Continuous Integration** tools like **Jenkins and Hudson**.
* Version control and source code management using the **GitHub**.
* Automation of build process(**Build Automation**) using the Jenkins, Maven and Git.
* Participated in various application life cycle development steps from development, QA to production.
* Configured the servers with the **Nagios** monitoring and monitored the performance metrics of the production servers.
* Experienced in Installing, Upgrading, Patching, Configuring and Administrating Red Hat Linux
* Strong skills in managing Red Hat Linux servers,Virtualization**,** and system security.
* Experience with **Apache/Tomcat, Load Balancer (Apache, Nginx)** and expertise in making configuration changes.
* Knowledge in load balancing and setting upload balancer and firewall rules in and enterprise environment
* Provided 24x7 production support and development environments. Ability to communicate requirements effectively to team members and manage applications.
* Self-motivated and I can easily adapt new technologies and tools.
* Ability to work in both independent and Team environments

**Professional Experience:**

**Current Organization: Wipro Technologies** **May 2013- Till date**

**Designation: DevOpsEngineer**

**Technical Skills:**

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| --- | --- |
| **Configuration Management Tools** | Chef, Puppet, Ansible |
| **Continuous Integration Tools** | Jenkins |
| **Operating Systems** | Redhat5/6, CentOS 5/6 and Ubuntu |
| **Databases** | MySql |
| **Cloud Services** | AWS |
| **Version Control/Repository** | Git and GitHub |
| **Application Servers** | Tomcat |
| **Web Servers** | Apache, Nginx |
| **Scripting Languages** | Bash, Python, Ruby |
| **Virtualization** | Docker, Vagrant |
| **Command Line Editors** | Vim, Vi, Nano, |
| **Web Technologies** | HTML |
| **Monitoring Tools** | Nagios,cloudwatch |

**Key Responsibilities:**

* Defined and Implemented **CM** and **Release Management** Processes, Policies and Procedures.
* Deploy and monitor scalable infrastructure on Amazon web services (**AWS**) & configuration management using **puppet and Chef, Ansible**.
* Configuring the **Docker** containers and creating docker files for different environments.
* Designed **Puppet Modules** to manage configurations and automate installation process.
* Coordinate/assist developers with establishing and applying appropriate branching, merging conventions using **GIT** source control.
* Configured and maintained **Jenkins** to implement the **CI** process and integrated the tool with **Ant** and **Maven** to schedule the builds and automated the deployment on the application servers using the “code deploy” plugin for jenkins.
* **Continuous Delivery** is being enabled through **Deployment** into several environments of Test, QA, Stress and Production using **Jenkins**.
* Automate the builds and deployment of  **projects** using Jenkins.
* Implement, maintain and support reliable, timely and reproducible builds for project teams
* Hands on experience in automating builds and deployment process using Shellscripting.
* Created the VPC’s, configured the subnets, attached the gateway and routing tables to the subnets and deployed the EC2 instances in the subnets created.
* Hands on experience in EC2, VPC, Subnets, Routing tables, Internet gateways, IAM, Route 53, VPC peering, S3, ELB, RDS(MySQL), CloudFront, CloudFormation, Elastic BeanStack, Security Groups, Cloud Watch, SNS on **AWS**.
* Creating AWS instances and Managing credentials on the account and manages the cloud services Including EC2, Route53, S3, RDS, IAM, VPC, ELB,EBS, Cloud Watch, Auto Scaling, Cloud front, and cloud watch.
* Expertise level knowledge of Amazon EC2, Amazon S3, Amazon RDS, Elastic Load Balancing and Cloud Watch.
* Build servers using AWS: Importing volumes, launching EC2, RDS, creating security groups, auto-scaling, load balancers (ELBs) in the defined virtual private connection.
* Creating new EBS volumes and attaching same to EC2 instance when needed.
* Backing up the EC2 instances volumes by creating a snapshots and saving them in S3 buckets for Disaster Recovery (DR).
* Taking instance backups as Amazon Machine Image (AMI) and launching these when we need similar servers.
* Maintaining and upgrading the EC2 instances according to the requirements.
* EBS Volumes, EIPs, Snapshots, AMI’s. Creating AMI images from existing instances and copy them to different regions / availability zones.
* Uploading data, Snapshots and EBS volumes in S3 storage, while creating EC2 Instance.
* Assigning roles to EC2 instances to access/store data from other AWS services like S3, cloud watch etc
* Creating the Read Replicas for the RDS databases in the different region expecting the disaster.
* 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.
* Interact with developers and Enterprise Configuration Management Team for changes to best practices and tools to eliminate non-efficient practices and bottlenecks.
* Created and maintained user accounts, roles on MySQL, production and staging servers.
* Responsible for installation, configuration of Linux servers using jumpstart methods.
* Volume and file system management in Linux environments (LVM).
* Installed, configured and hardened and Linux servers, evaluated needs and installed appropriate recommended patches as needed.
* Configured and maintained Linux virtual environments.
* Preventive maintenance (OS Patching) of red hat enterprise Linux (RHEL).
* Performed data management using native Linux utilities for archiving and compression
* Administered user accounts
* Troubleshooting user logins using various remote login utilities.
* Proficient in troubleshooting system problems.
* Performed administration and monitored job processes using associated commands.
* Maintaining and troubleshooting network connectivity on Linux servers.
* Customized user environment for users.
* Monitored system logs.
* NFS/CIFS file system mounting and support.
* Experience on FTP , NFS, SAMBA Servers.
* Performance Monitoring and capacity planning in anticipation of system resource usage and needs..

**Environment**: CI/CD, AWS, Python, Bash, Jenkins, LAMP, Puppet,Chef,Ansible, Docker,Vagrnat, Ruby, Apache, Nginx, MySQL, Ant, Git, Nagios.

**Education:**

Bachelor of Science (B.Sc) From ANU.

**Personal Skills:**

Name : Sree

Nationality : Indian

Marital Status : Single

Languages : English, & Telugu, Hindi.

**Place:**  Your’s Sincerely,

**Date:** Sree.