**Rajasekhar B echo2devops@gmail.com**

**DevOps Engineer Ph +91-9353783097**

**Experience Summary:**

Have **4.8** Years of experience in the IT career, with **2.2** years of experience as **Linux System Administrator** and **2.6** year of experience as **DevOps Engineer** in a proactive environment that leverages my experience and enhances my skills in a progressive, motivating and growth-oriented organization that values teamwork, integrity and creativity.

* Experience in creating the company's DevOps strategy in a mix environment of **Linux (RHEL, CENTOS)** servers along with creating and implementing a cloud strategy based on Amazon Web Services.
* Experience on skills like **SCM**, change/incident management and **AWS** cloud computing.
* Extensive hands on with **Jenkins**, for continuous integration and end-to-end automation tools for deploying.
* Experience with Git and Jenkins.
* Have an extensive knowledge to setup and configure applications servers, Apache Tomcat, JBoss.
* Experience with Chef, Puppet and Ansible in production environments with many nodes.
* Knowledge on deployment, management and application configurations in software configuration management.
* Knowledge on bug tracking tools such as **JIRA.**
* Have a commendable knowledge in documenting and automating build and release process.
* Ability in development and execution of **pom.xml, SHELL scripts.**
* Expert in Linux Performance monitoring, kernel tuning, Load balancing, health checks and maintaining compliance with specifications.
* Independent problem solving and a good team player with strong interpersonal and communication skills.
* Experience supporting 24x7 production computing environments. Experience providing on-call and weekend support.

**Professional Experience:**

* Working as a **Devops Engineer** in, **Birla soft** From Dec-2016 to Till Date.
* Worked as **Linux System Administrator** in **TCS** from Oct-2014 to Dec-2016.

**Qualification:**

* **Bsc Computer Science from Sri Venkateswara University in the Year 2013**

###### Technical Skills:

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| **Cloud Technologies** | Amazon Web services, EC2, S3, IAM, ALB, NLB, Clouldfront, Lambda, Cloudformation, EFS, Route53, VPC, SQS, SNS, Cloudtrail, Cloudwatch. |
| **Languages/Scripts** | Python, Bash Shell scripting |
| **Configuration management** | Ansible, Chef . |
| **CI tools** | Jenkins. |
| **Operating Systems** | RHEL, Ubuntu, Centos, Windows. |
| **Databases** | MySQL. |
| **Web/Application Servers** | Apache Tomcat & Jboss, HTTPD Server, Nginx. |
| **Bug Reporting Tools** | JIRA. |
| **DevOps/Container tools** | Docker, Kubernetes |
| **Monitoring Tools** | Nagios, ELK (Elastic Logstash kibana), New Relic |

**Professional Experience: Dec-2016 to till date**

**Company: Birla soft**

**Designation: Devops Engineer.**

* Evolving new tools/methodologies to improve this existing process and show better results to all stakeholders
* Support the code builds by integrating with continuous integration tool (Jenkins)
* Installed Jenkins, written shell script for end to end build and deployment automation.
* Built Continuous Integration environment (Jenkins, Nexus). And Continuous delivery environment
* Integrated delivery (CI and CD process) Using Jenkins.
* Able to create scripts for system administration and AWS using languages such as BASH and Python
* Build server deployment on Cloud (EC2) servers with help of DevOps tools like Chef.
* To configure and maintain codebase to support the build and deployment of code on servers.
* Merging and tagging need to be done after the code went live in environment
* Strong knowledge / experience with EC2, AMI, AWS Load Balancers, Cloudformation, Auto Scaling Group, S3.
* Responsible for distributed applications across AWS and physical data centers.
* Configure and maintain stress server in different geographical location and provide setup in every release to perform stress testing.
* Worked in an agile development team to deliver an end to end continuous integration/continuous delivery product in an open source environment using tools like Chef & Jenkins
* Coordination with Configuration Management to ensure that all applicable environment issues are resolved in advance of production implementation.
* Managed Linux 4.x and 5.x operating systems for development servers using a kickstart.
* Installing, configuring and updating LDAP, DNS, DHCP, NFS, NIS and NIS+ on Linux & AIX servers.
* Configuring & Managing disks using LVM on Linux and AIX.
* Responsible for scheduling jobs using crontabs file system maintenance, scripting and automation.
* Performed User account management, data backups, and user’s logon support.
* RPM and YUM package installations, patch and other server management.
* Setup and configured network TCP/IP on Linux and AIX servers including RPC connectivity for NFS.
* System Administration tickets like adding hosts, assign static IPs to hosts, Adding aliases to hosts.
* System administration tasks such as monitoring file system size, CPU, Memory and network performance and generation of daily system report.

**Environment:** Chef, GIT, AWS (EC2, S3, IAM, VPC) UNIX Shell Scripting, Linux (RHEL 4.x/5.x), Nagios, JIRA, Ant, Maven, Nexus, Jenkins.

**Company: TCS Oct-2014 to Dec-2016**

**Designation: Linux System Administrator**

* Providing L1 and L2 production support on various Linux/Unix servers.
* Installing and Upgrading Operating System.
* Good exposure in hardware Upgrading and disk replacement.
* Managing Linux/Unix partitions with LVM and Implementing RAID levels.
* Working experience on installation and configuration of servers based on the requirement.
* Working experience on scripting.
* Knowledge on handling Amazon Cloud Computing.
* Work Experience on creating EC2 instances, adding EBS volumes for EC2 instances.
* Creating and adding Security Groups to instances for controlling the inbound and outbound traffic.
* Work Experience on creating Snapshots in Amazon web services.
* Configuring & Managing disks using LVM on Linux and AIX.
* Fundamental knowledge of the AWS cloud computing platform with different component and services.
* Launching and configuring of Amazon EC2 Cloud Servers using AMI’s (Linux/CentOS) and configuring the serves for specified applications.
* Configuring security groups and grouping the servers depending on the applications. Enabling and disabling of inbound and outbound ports of security groups using AWS GUI.
* Knowledge on Amazon CLI tools
* Troubleshooting network and system related problems
* Taking backups of EBS volume.
* Implemented Auto Scaling using custom based AMI on CentOS/Redhat.