Rajat Kumar Singh
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JOB OBJECTIVE

A qualified and experienced system administrator dedicated to succeed in any given IT environment seeking for a DevOps position and always up to challenge whatever the situation, eager in learning new technologies .

EXPERIENCE SUMMARY

An IT professional with total 7+ years of experience in Linux system administration, DevOps and Technical support engineer.

2+ years of experience with DevOps tools and AWS.

3.5 years of experience on Linux system administration on a various Linux servers and storage.

1.8 years of experience with technical support engineer in IT department as a handling problems related to Sofgen ERP , SQL Server 2008,Windows server 2003 and networking.

TECHNICAL SKILLS

- **DevOps Skills :**

    - Container   :- Docker

    - Container-Orchestration : - Kubernetes

    - Automation tools   :- Ansible

    - Monitoring tools   :- Nagios

    - Version Controlling:- Git

    - Integration Tool   : - Jenkins

    - Cloud Computing :-   Experience with AWS- EC2, EC2 Image Builder, IAM, Lambda, Beanstalk, S3, S3 Glacier, Snowball Edge, CloudWatch, CloudFront, Route 53.

- **Linux Skills :**

    - Strong technical background in networking, operating system, system administration and performance monitoring

    - Create,maintain and manage to project plans

- RAID setup, LVM and volume group.

- Create users, groups, managing file system,disk quota allocation,samba

- Deep knowledge on shell scripting ,cron and rsync files.

- IPtables, SELinux and openLDAP.

- **Virtualization :**

  - KVM(kernel-based virtual machine) and VMware.

- **Web Servers :**

  - (Apache Http- Tomcat) - expert in installing and configuring , Performance tuning, security auditing and ssl management.

- **Database Servers :**

  - Mysql Server – expert in installing and configuration with performance tuning , replication master to slave , backup and restoring databases.

  - VerticaDB   - perform installation and configuration , setup replication from Mysql server (master) to VerticaDB(slave) through a tungsten replicator.

  - MS SQL Server 2008 - experience in installation and configuration.

- **Email Servers :**

  - Postfix – installing and configuring to send mails using an external SMTP Server.

- **Network utilities :** Pfsense firewall ,tcp/ip, ifconfig, route, netstat, traceroute, dhcp, vpn, access point.

WORK EXPERIENCE

Impact Research and Measurement Pvt Ltd , System Administrator   4 November 2014 – Present

- Implement best practices and maintain source code repository infrastructure using version control tool git and integration tool jenkins.
- Setup and monitoring all infrastructure with Nagios .
- Experience with configuration management software like Ansible.
- Knowledge and experience with container management tool Docker.
- Experience with Kubernetes for container-orchestration.
- Experience in creating automated administrative tasks using cron, writing shell scripts and managing system logs.
- Administration of PFsense Firewall, Router, Wi-Fi, Raspberry Pi and Network infrastructure.
- Managing infrastructure of organization.

- Linux OS installation,RAID configuring ,create LVM, Linux server maintenance, installation Linux utility software and troubleshooting of server hardware
- Manage user, group & assigning group policy on user & computers using CLI as well as by web based configuration tool webmin.
- Planning and implementation Linux hosting architecture with LAMP high availability.
- Installing and managing web server Apache and tomcat on CentOS server.
- Setup & manage load balance through Pfsense firewall.
- Installation ,configuration & maintenance of MySQL server ,master to slave replication , backup of database and restore .
- Installation & configuration of high availability mail server Postfix to send mail using a external SMTP server and monitor logs.
- Implement virtualization by using VMware and KVM.
- Setup and managing storage NFS and freeNAS.

Venus Group , Technical Support Engineer   **10-Feb 2013 to 4-Nov 2014**

- Installation and configuration Sofgen ERP at server end as well as user system.
- Installation and maintain Mysql Server 2008 and daily bases backup from batch script in local windows machine.
- Installation and maintain Windows server 2003 and their running services.
- Monitor and maintain network infrastructure.

QUALITY OF WORK

- Focus in various tasks at the same time.
- Leadership and believe in teamwork.
- Willingness to learn new technologies.
- Ability to deal with people diplomatically.

EDUCATIONAL QUALIFICATION

- Bachelor's degree in computer science engineering(2007-2011) from united college of engineering and research greater noida(UPTU) with aggregate 72%.
- Intermediate(UP Board), Sewabharti U.B.V. Sewapuri Varanasi with aggregate 76%
- High School(UP Board), Sewabharti U.B.V. Sewapuri Varanasi with aggregate 55%

HOBBIES AND INTEREST

- Cooking in my style
- Playing and watching crickets
- Net surfing.

I declare that the above-furnished details are true to the best of my knowledge and belief .

Place : New Delhi   Rajat Kumar Singh
Date :