

HARIBHARGAV

Linux Administrator & AWS Cloud

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Summary

- ☐ A Over 3.10 Years of Linux/AWS Administrator experience in IT Infrastructure and Hosting based 24X7 support environment.
- ☐ Seeking a Technical position fully utilizing strong customer service attitude, exceptional organizational ability and technical skills.

EDUCATION

MBA (Master of Business Administration)

SRI VENKATESWARA UNIVERSITY-TIRUPATHI
JULY-2017

TECHNICAL SKILLS

- ☐ Infrastructure setup and management on **AWS** cloud.
- ☐ Managing build and release activities.
- ☐ Integrated Git Hub as Git repository and Nexus as Artifact repository with Jenkins.
- ☐ Automating manual task with scripts.
- ☐ Working on configuration management tools like Ansible for easy infrastructure setup.
- ☐ Setting up and maintain Databases like **MYSQL**.
- ☐ Monitor infrastructure using Nagios and **CloudWatch**.
- ☐ Working in Jenkins for automating Builds.
- ☐ Scheduling various jobs through Crontab.
- ☐ Monitoring Load average, CPU usage, Disk Space Usage, Memory Utilization for all Linux servers on a daily basis through CloudWatch monitoring tool.
- ☐ Take ownership of assigned calls and ensure that the computing problems are resolve to the end- user's satisfaction.
- ☐ Giving the sudo permission for user request after approval of higher authority
- ☐ Installation and updating of Linux Operating system (**Red hat 7& Centos 6.5,7**) on various servers.
- ☐ Check the routes, **Ip**, disks after reboot of the system.
- ☐ Increases swap size if the **RAM** is not enough to servers.
- ☐ Moving daily logs to back up server through **Scp**.
- ☐ Maintaining back up and doing cleanup in **MYSQL** database server weekly wise.
- ☐ Linux File permissions, User & Group Management, Scheduling the tasks using cron jobs.
- ☐ Setup and handling, tuning of web server like **Apache**.
- ☐ Setup and handle Application server like Tomcat.
- ☐ Hands on experience with AWS cloud environment.
- ☐ Good experience in Amazon Web Services environment and good knowledge of AWS services like Elastic Compute Cloud (**EC2**), Elastic Load Balancers, **S3**, Cloud Front, Elastic File system, **RDS**, **VPC**, **Route53**, Cloud watch, Cloud trail, Cloud Formation.
- ☐ Proficient with Lambda, EMR and Redshift.
- ☐ Proficient with best practices regarding AWS Auto scaling, Fault Tolerant Architecture.
- ☐ Cloud Configuration Management using Ansible.
- ☐ Server OS: Windows Server –2008, 2012 Standard/ Web/ Enterprise. Linux Servers -Amazon Linux, **Ubuntu**.
- ☐ Client OS: Windows –All Windows, Linux.
- ☐ Proficient with establishing and maintaining VPN connectivity using both hard ware and software.
- ☐ Enterprise and Premium support for **EC2** infrastructure.
- ☐ Managing AWS instances via monitoring tool and action the alerts accordingly.
- ☐ Providing assistance on setting the
- ☐ AWS environment and also providing support Configuring topics for email land SMS in AWS Simple Notification Services (**SNS**). on adding ports to security groups to **VPC**.
- ☐ Installing and configuring applications on **AWS EC2** Instances.

- ☐ Knowledge and hands on experience on AWS Cloud Watch and Cloud Trail services.
- ☐ Creating variety of dashboard using **AWS** Cloud Watch.
- ☐ Knowledge on creating, deleting and updating the buckets in **S3**.
- ☐ Good knowledge in Continuous Integration and Continuous Deployment methodologies.
- ☐ Experience in administering Linux. Experience in Installation, Configuration, Backup, Recovery, Maintenance, Support.
- ☐ Strong ability to trouble shoot any issues generated while building, deploying and in production support.
- ☐ Closely worked with Developers and Analysts to address project requirements. Able to effectively manage time and prioritize multiple projects.
- ☐ Excellent communication, team membership and relationship management skills.
- ☐ Experience in Installation and Configuration of Apache web server.
- ☐ Experience in Monitoring & Health –Check of web and application server environments.
- ☐ Strong knowledge on ticket management using Service now.
- ☐ Good experience in server configurations and installations and modifications.

PROJECTS

- ☐ **Project:** Syneos Health
Environment: RHEL 5.x, 6.x, AWS Cloud (EC2, ELB, S3, Route 53, VPC) , MYSQL.
Role: Linux System Administrator.
Team: 11
- ☐ **Project:** Coles
Environment: RHEL 5.x, 6.x, AWS Cloud (EC2, ELB, S3, Route 53, VPC), Shell Scripting, MYSQL.
Role: Linux System Administrator.
Team: 09

SKILLS

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|---------------------------|---|
| Operating System | : RHEL Linux 5.x, 6.x, 7.x, Windows |
| Cloud Solutions architect | : AWS (EC2, EBS, S3, RDS, AMI, ELB, IAM, VPC, ROUTE53, CloudWatch |
| Backup | : Tar, RSync, Scp, Dump. |
| Networking Protocols | : TCP, HTTP, HTTPS, FTP, TELNET, SSH, SSL |
| Web Servers | : Apache, Nginx, DNS, Tomcat |
| Packages | : RPM & YUM |
| Servers | : FTP, NFS, Samba, DNS and Apache. |
| Ticketing tool | : Service now, Jira |
| Monitoring tool | : New relic, Zabbix |
| Date base | : MYSQL |

PROFESSIONAL EXPERIENCE

Working as a **Linux System Administrator** in **PERSISTENT SYSTEMS**, since **NOV-2018** Till Now.

ROLES AND RESPONSIBILITIES

AWS ADMIN:

- ☐ Managed multiple **AWS** accounts with multiple **VPC's** for both production and non-prod where primary objectives included automation, build out, integration and cost control
- ☐ Building customized Amazon Machine Images
- ☐ Supported developments prints by automating instance provision using Cloud Formation and code deployments using Ansible, Jenkins and **Git Hub**
- ☐ Assisted Cloud Operations team resolve support requests while providing **RCA' s** and documentation for use onshore and off shore.
- ☐ Linux System Administration supporting **AMI** builds, trouble shooting, shell scripting, backups and log file management
- ☐ Enterprise and Premium support for **EC2** infrastructure
- ☐ Worked done **AWS** Cloud Watch, Cloud Formation and Cloud Trail services
- ☐ Worked closely with **EC2** infrastructure teams to trouble shoot complex issues
- ☐ Managed and supported **AWS** Security related issues, such **IAM** and S3 policies for user access
- ☐ Support for all other **AWS** products such as **S3, RDS**, Elastic Load Balancing, Route **53(DNS)**
- ☐ Monitoring tools like Nagios Monitoring Tool.
- ☐ Automated trouble shooting tasks by creating Shell scripts and **AWS CLI** tool
- ☐ Managed and supported **AWS** Security related issues, such **IAM** and **S3** policies for user access
- ☐ Support for Customer accounts which are hosted on **AWS**.

- ☐ Assisted high profile Enterprise customer store solve critical issues related to Windows and Linux **EC2** instances
- ☐ Assisted customer switch common connectivity issues by reviewing sub net, security group, **ACL**, routing, **VPN**, **ELB**, Auto Scaling, **RDS**.
- ☐ Day today administration of the Development environment and Production and Test environment systems. 24x7 on- call support.

LINUX ADMIN:

- ☐ Remote system administration using tools like SSH, Telnet.
- ☐ Performance & Capacity management using monitoring tools.
- ☐ Installing and troubleshooting of web servers like Apache.
- ☐ Managing users, groups, and **FTP** accounts, and assign permissions.
- ☐ Yum repository and Red Hat network administration.
- ☐ Day-to-day operational support and maintenance of Linux servers.
- ☐ Deployment, up grading, monitoring and administration of Linux infrastructure.
- ☐ Verify system logs and periodically clean up log files.
- ☐ Configuring and main training **NFS** and Auto **FS** File systems.
- ☐ Monitoring Disk space, Process or Utilization, and Network Utilization.
- ☐ Installing and updating the Supporting latest packages.
- ☐ Managing User Accounts. Verify system logs and periodically clean up log files

Declaration

I hereby declare that all the details mentioned above are true to the best of my knowledge and belief.

(Hari Bhargav O)