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## PROFILE SUMMARY

- Team-oriented Cloud engineer with 4+ years' experience in Unix administration.
- Managing server infrastructures and datacenter operations across multiple platforms (Linux and Solaris).
- Expert-level knowledge of Amazon EC2, S3, Simple DB, RDS, Elastic Load Balancing, SQS, and other services in the AWS cloud infrastructure such as IAAS, PAAS and SAAS.
- Deep experience with AWS components such as EC2, S3, Elastic IPs, EBS, Security Groups, Route 53, VPC, ElastiCache, Elastic Beanstalk, RDS, Dynamo DB, Redshift and Cloud Formation.
- Experience in administration of MS SQL server and MySQL in AWS cloud platform.
- Configured AWS IAM and Security Group in Public and Private Subnets in VPC.
- Architected, Designed and Developed the Backup and Archiving, Disaster Recovery in AWS Cloud.
- Demonstrated the capacity to deploy complex infrastructure using AWS CLI.
- Utilized configuration & automation tools such as Puppet andHPSA.
- Hands on experience in development of utilities using Shellscripting to automate processes.
- Strong perseverance and diligence towards attaining challenging goals and possess good communication skills and quick learning ability.

## EDUCATION

- Bachelor of Technology in ECE Stream (Electronics & Communication Engineering) from JNTU, Hyderabad.

## TECHNICAL SKILLS

<b>Cloud Technologies</b>	Amazon Web Services end to end Administration.
<b>Operating Systems &amp; Virtualization</b>	Unix - RHEL and Solaris Administration VMware
<b>Automation Configuration and build tools</b>	Puppet and HPSA
<b>Monitoring Tools</b>	Net cool and Cloudwatch.
<b>Remote Tools</b>	Dell DRAC, HP ILO, HMC
<b>Programming Languages</b>	Shell Scripting
<b>Server Hardware</b>	Dell Power Edge 610,710, 1000e Chassis Oracle T Series, M Series, Sun Sparc IBM P7, P6, P5 HP ProLiant DL 380, HP C 7000 Chassis.

## WORK EXPERIENCE

**Organization-** Citrix Systems, Bangalore.

**Duration:** June 2015 to till date Cloud

**Administrator-**

### **Responsibilities:**

- Involved in designing and deploying some multitude applications utilizing almost all of the AWS stack (Including EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM) focusing on high-availability, fault tolerance, and auto-scaling.
- Migrated the current Linux environment to AWS/RHEL Linux environment and used auto scaling feature.
- Used Puppet for configuration management, Install and configure puppet server / workstation and nodes via CLI tools to AWS nodes.
- Increasing EBS backed volume storage capacity when the root volume is full using AWS EBS Volume feature.
- Created AWS Route53 to route traffic between different regions.
- Deployed and supported Memcache - AWS ElastiCache.
- Working with GitHub private repositories.
- Created S3 backups using versioning enable and moved objects to Amazon Glacier for archiving purpose.
- Used GZIP with AWS Cloud front to forward compressed files to destination node/instances.
- Created users and groups using IAM and assigned individual policies to each group.
- Created SNS notifications and assigned ARN to S3 for object loss notifications.
- Created load balancers (ELB) and used Route53 with failover and latency options for high availability and fault tolerance.
- Configured Security group for EC2 Windows and Linux instances and also for puppet master and puppet agents.
- Experience with monitoring tools such as Cloud Watch.
- Good understanding of ELB, security groups, NACL, NAT, firewall and Route 53.
- Designed and developed automation test scripts using Shell/ Python.
- Environment: AWS EC2, VMWare, Oracle, CLOUD WATCH, CLOUDFORMATION, GIT, Data Center Migration AWS, LINUX.
- Involved in designing and developing Amazon EC2, Amazon S3, Amazon Simple DBS, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, and other services of the AWS infrastructure.
- Implemented Security groups for Inbound/Outbound access.
- Created AWS Multi-Factor Authentication (MFA) for instance RDP/SSH logon, worked with teams to lock down security groups.
- Setup specific IAM profiles per group utilizing newly released APIs for controlling resources within AWS based on group or user.
- AWS data backup (snapshot, AMI creation) techniques, along with data-at-rest security within AWS.
- Pushing puppet code for test environment servers
- Installing and configuring OpenStack Cloud for Development Environment.

**Organization:** Capgemini, Pune

**Duration:** September 2013 to May 2015

**Unix System Administrator**

**Responsibilities:**

- Unix Production Support for almost 20K servers.
- Incident management, Remediation and patching of Linux Servers.
- Working closely with Build Teams for automation of Process.
- Handling Escalations and Mentoring team Members
- Working Knowledge in VERITAS CLUSTERS.
- Container co-ordination for test environment applications.
- Excellent team player and has the ability to work effectively at all levels in an organization
- Planning, design and migration of Client data centers between buildings after accessing all requirements and using current hardware and new hardware.
- Installation, configuration and Operating System upgrade on Red Hat Linux AS 4.0 /5.0 /6.0 /7 Sun Solaris 8, 9, 10.
- Installed VMware ESX server on Dell Servers and configured Red Hat Linux 6.
- Installed and managed different RPM Linux, configured YUM Installs.
- Linux and AIX Server Consolidation and migration of Servers to new Data center.
- Administered and supported application servers, responsibilities included troubleshooting and monitoring servers using Remedy.
- Configured local file system storage to create partitions and volumes.
- Involved in deploying and supporting patch management, updating services and software installation.
- Provided support for creating user accounts, security privileges to specific users and process monitoring in Ubuntu and Red Hat Linux.
- Monitored system performance statistics like storage, CPU utilization and network bandwidth utilization.

Place:

Date:

(S. SREEKANTH REDDY)