**Viswanath.K**

**E-mail:- vishwanath.mtech@gmail.com**

**Mob: - +91-9550936036 ==============================================================================**

* Having **4.6** years of experience in **AWS** and **Linux System Administration**.

**SUMMARY OF SKILLS AND EXPERIENCE:**

* Having **1.6** years of experience in **Amazon Web Services.**
* Having **3** years of experience in **Linux System Administrator**.
* Extensive experience working with AWS Services such as **EC2, IAM, VPC, Route 53, Auto scaling, ELB, S3, RDS, EBS, EFS, Lambda, SNS, Cloud Watch, Cloud Formation, SQS, SES and Glacier.**
* **Good knowledge in GIT,GITHUB,MAVEN,JENKINS,CHEF**
* Good experience in application migration from on-premise to AWS cloud with the different categories such as Lift and Shift, Re-Platform and Re-Structure.
* Strong use of Shell scriptinglanguages including BASH for Linux and experience in Linux Administration.
* Installation and configuring Red Hat Enterprise Linux 6.6
* Installation and configuration of Samba Server.
* Configured and managing Web Server (Apache).
* Creating and Assigning users and groups and manage user rights and security.
* Implementation of ACL,
* Configuring LVM and managing the volumes.
* Crontab schedule.
* Configured NFS and Auto-mounting to clients for file sharing.
* File system management.
* Installation of FTP.
* Configuring of YUM Database.
* Quick adaptability to new technologies and zeal to improve technical skills.
* Good analytical, bug fixing, problem solving and troubleshooting skills.
* Strong knowledge on Linux System Administration.
* Strong issues resolving capabilities with respect to my project and Experience.
* Ability to work with team members and understand client requirements.

**TECHNICAL SKILLS :-**

* **Cloud Technologies** : AWS ( EC2, IAM, VPC, Route 53, Auto scaling, ELB, S3, RDS, EBS, EFS, Lambda, SNS, Cloud Watch, Cloud Formation, SQS, SES, Glacier, and Ops Works)
* **Operating Systems** : Linux Red Hat 6.6
* **Networking** : NFS, DNS, DHCP, Cisco Routers/Switches, WAN, SMTP, LAN, FTP/TFTP.
* **Scripting languages** : Bash, Shell Scripting
* **CD Tools :** Custom Tools, RPM, YUM.

**EDUCATIONAL QUALIFICATION :-**

* Master of Technology in EEE, JNTU Hyderabad- 2009 **.**

**PROFESSIONAL EXPERIENCE:-**

* Working as **Associate Consultant - Capgemini India Pvt LTD,** Bangalore from Aug-2016 to till date.
* Worked as Linux administrator - [**YodleeInfotech Private Limited**](http://www.yodlee.com/) , Bangalore from Aug 2014 to July2016
* Worked as Linux administrator - **Central Depository Services (India) Limited ,**Hyderabad from July 2013 to July2014

**AWS Solutions Architect with technical expertise**.

* 1.6 years of professional experience in AWS Admin.
* Extensive experience working with AWS Services such as EC2, IAM, VPC, Route 53, Auto scaling, ELB, S3, Glacier, RDS, EBS, EFS, Lambda, SNS, Cloud Watch, Cloud Formation, SQS and Dynamodb.
* Good experience in application migration from on-premise to AWS cloud with the different categories such as Lift and Shift, Re-Platform and Re-Structure.
* Strong use of Shell scripting languages including BASH for Linux and experience in Linux Administration.
* Quick adaptability to new technologies and zeal to improve technical skills.
* Good analytical, bug fixing, problem solving and troubleshooting skills.

**PROJECT DESCRIPTION**

The Cloud Services team is responsible for providing generic solutions to the Network & Technology portfolio of Capgemini that are migrating their on-premise applications to the AWS cloud.

**ROLES & RESPONSIBILITIES:-**

* Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux) and Configuring launched instances with respect to specific applications
* Implementing best practices, cost optimization and resource optimization for all the applications using the concepts of Well Architected Framework of AWS.
* Installed application on AWS EC2 instances and configured the storage on S3 buckets.
* Perform S3 buckets creation, policies and the IAM role based polices
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS 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.
* Deploy applications on AWS by using Elastic Beanstalk
* Created monitors, alarms and notifications for EC2 hosts using Cloud Watch.
* Migrated applications to the AWS cloud.
* Build and configure a virtual data center in the Amazon Web Services cloud to support Enterprise Data Warehouse hosting including Virtual Private Cloud (VPC), Public and Private Subnets, Security Groups, Route Tables, Elastic Load Balancer.
* Leverage AWS cloud services such as EC2, auto-scaling and VPC to build secure, highly scalable and flexible systems that handled expected and unexpected load bursts.
* Manage Amazon red shift clusters such as launching the cluster and specifying the node type as well.
* Implemented and used AWS Beanstalk for deploying and scaling web applications and services developed with node.JS
* Designed AWS Cloud Formation templates to create custom sized VPC, subnets, NAT to ensure.
* Successful deployment of Web applications and database templates.
* Implement Continues Integration using Jenkins and Cloud formation Update Stack
* Use EC2 Container Service (ECS) to support Docker containers to easily run applications on a managed cluster of Amazon EC2 instances.
* Creating alarms in Cloud Watch service for monitoring the servers performance, CPU Utilization, disk usage etc.
* Setting up private networks and sub-networks using Virtual Private Cloud (VPC) and creating security groups to associate with the networks.
* Setup and build AWS infrastructure resources like VPC, EC2, S3, Security Group, Auto Scaling, and RDS in Cloud Formation JSON templates.
* Managing S3 bucket sand bucket policies.

**PROJECT DESCRIPTION**

Project : Yodlee Production Operations | Software as a Service **(SaaS)**

Organization : [YodleeInfotech Private Limited](http://www.yodlee.com/) , Bangalore

Period : Aug 2014 to July2016

Role : **Linux Administrator**

**Responsibilities:**

Responsible for installing, configuring, and maintaining operating system workstations and servers, including web servers, in support of business processing requirements. Performs software installations and upgrades to operating systems. Schedules installations and upgrades and maintains them in accordance with established IT policies and procedures. Monitors and tunes the system to achieve optimum performance levels. Ensures workstation/server data integrity by evaluating, implementing, and managing appropriate software and hardware solutions. Ensures data/media recoverability by implementing a schedule of system backups and database archive operations. Supports media management through internal methods and procedures or through offsite storage and retrieval services. Develops and promotes standard operating procedures. Conducts routine hardware and software audits of workstations and servers to ensure compliance with established standards, policies, and configuration guidelines.

* Taking full responsibilities on production environment as a Level 2 production support
* Engineer for our prestigious offshore client International Bank of Qatar, Qatar.
* Managing around 50+ servers: including production, development & testing server. Servers are running on all flavors of UNIX ranging from HP, Sun, Aix, Linux and Windows.
* Work on ticketing based system according to ITIL process; wherein we get requests for Change Management, Incident Management, problem management and Standard Service requests.
* Handling the tasks of managing Tech Solution System, security, server and network infrastructure, and monitoring the system.
* Assigned responsibilities of troubleshooting, deployment of system updates, disaster recovery, and system tuning. Providing RCA for all major incidents.
* Implementation, Installation, Configuration, Troubleshooting of all application on linux.
* Assigned the tasks of gathering the scope of technical efforts, requirements, setting up project plans, and implementing solutions.
* Day To day monitoring of alert logs, disk space issue, application errors, network errors, server status, job status. Identify recurrent problems and help users to resolve problems via mail or call. Creating and implementing scripts to automate most tasks on production environment.
* Developed tools and utility in UNIX shell script related to create, drop and to maintain database for automate the process and application.
* Documentation of the solution and updating the knowledge base.
* Promoting server and application from Development to Production. Doing failover and failback. Building of the data center.
* Availability of production server 24\* 7.

**PROJECT DESCRIPTION**

Central Depository Accounting System (CDAS) and CDSL Insurance Repository (CIRL).

**Environment:** Red hat Linux 6.0 Operating Systems.

**Project Period:** July 2013 to July2014

Worked as Linux Administrator for **Central Depository Services (India) Limited** and work location at **Reliance Internet Data Center,** Hyderabad on deputation.

**About Project:**

CDSL is a depository which is maintaining and managing De-mat account information of a Indian investors those are associated with Stock Brokers. CDSL has been promoted by the Bombay Stock Exchange Limited (BSE) and along with a cross section of several leading Indian and foreign banks.

**Roles and Responsibilities:**

* Installing Redhat Linux 6 Operating systems.
* Creating and mounting partitions.
* Install and updating using RPM and YUM.
* Regularly updating operating system security patches.
* Creating managing users and groups.
* Managing Logical Volume groups.
* Troubleshooting basic networking issues.
* Server performance monitoring.
* Scheduling tasks with Cron Jobs.
* Handling TCP/IP services for IP addressing and sub-netting.
* Performing queries in data base and application.
* Attending day to day Linux issues.