**Resume**

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Designation: Linux with Aws Engineer, 5.3 years

OBJECTIVE:

To integrate my professional qualification, skills and work experience in Information Technology and drive in the emerging concepts for a challenging and enriching journey, ultimately leading to the value addition to the organizational goals.

SUMMARY:

Good hands on in Linux with Aws Administration - installation, configuration, trouble shooting, and other day to day system administration activities.

Linux & Aws skill’s:

* **SSH** Key Authentication (Password-Less Authentication) Manage Selinux Contex
* Creating partitions and formatting the file systems.
* Involved in designing and deploying multiple applications utilizing almost all the AWS Stack (Including EC2, Route53, s3, RDS, SNS, IAM, Cloud front, VPC, EBS Volumes, ELB, SES, ACM).
* Setup/Managing Databases on Amazon RDS. Monitoring servers thorough Amazon CloudWatch for System health, Performance, Security, Disk usage & RAM Utilization etc.
* Creating/Managing DNS records on Amazon Route 53 and Go-daddy panel.
* Creating AWS Instances/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS) and Resources Bills.
* Good understanding of EC2 Instance types, AWS Regions and Availability zones, Organization units & Pricing Calculator.
* Preparing various Linux Environment for Patching Activity using Ansible server.
* Handling user account management by creating, managing user accounts and passwords.
* Configuring **PV, VG and LV**’s as per the requirement. Linux LVM advanced level of expertise and **Swap.**
* Monitoring servers through Amazon CloudWatch, Nagios.
* Manage Securities File Level, Group Level & Directory Level Permissions. Manage Selinux Context.
* Managing the packages using **YUM** and **RPM.**
* Remote accessing using SSH. Good Troubleshooting Knowledge in Rhel-7
* Configuring and managing like **NFS, SAMBA, FTP**.
* NFS Administration, exporting file system, mounting exporting file system, working NFS. daemon and fixing any mounting issues.
* Experience in troubleshooting application issues like disk IO, memory utilization, CPU utilization,
* Good understanding of ELB, security groups, NACL’s NAT, VPC and VPC peering.

Technical Skills:

Operating Systems: **Linux with VMWare**

Cloud: AWS

Database: SQL & RDS, PostgreSQL.

Scripting: Ansible

DevOps: GIT, GitLab, GitHub, Maven, Docker.

**Educational Details:**

Bachelor of Engineering in Electronics and Communications Engineering from St. Mary’s Engineering College in passed out 2015 JNTU Hyderabad University,

**Project 1:**

Company: AICS consultancy service PVT ltd.

Client: TATA Exlis

Duration: August 2022 to till date

Designation: Linux Administrator.

ROLES & RESPONSIBILITIES:

* Monitoring the system, cup, memory and disk utilization using top, sar, vmsat, net stat, etc.
* Troubleshooting system/network related issues within the SLA.
* Migrated the current Linux environments to AWS/RHEL Linux environments
* Responsible for installation, configuration and administration of red hat and centos Linux.
* Working on Ansible through patching & BigFix console through.
* Provisioning of servers EC2 instances in Aws using terraform templates.
* Setting up cron jobs for the user to deploy scripts on production servers.
* Implemented Auto scaling for high application availability.
* APACHE Web server installation and configuration.
* Implementing SETUID, SETGID AND STICKYBIT.
* Restoring the unfortunate deleted LVM’s.
* Implemented Auto scaling for high application availability.
* Incident Management, change management and Problem Management.
* Logical Volume Management - Configuring LVM Physical Volumes, Volume groups, Logical volumes, creating different type of file systems, configuring filesystem entry fstab file.
* Checking the file system and increase/decrease the file system if required.
* Working in a 24\*7 on call rotation to support critical production environments.
* Creating/Managing ACM SSL certificates. Having experience with BigFix console through patching.
* Creating Ansible playbook on packages upgradation, Kernal upgradation, pre-post patching validation.
* Experienced on configure VPC subnets, NAT gateway, Route Tables, ACL and Security groups.
* Working Esxi host upgradation and migration VM server one Exsi host to another host and Aws environment. Disks added in Vm as per requirement.
* Creating customized OS images using docker containers.
* Creating and Managing activities s3 bucket, access policies, static website hosting and s3 storage classes.
* Creating and configuring VPC region to region.
* Provided on-call support and worked with vendor on system issues and bugs for its resolution.
* Create Cloud watch and cloud trail log monitoring tools for Aws environments.

**Project 2:**

Company: Datamatics Global service ltd.

Client: Flextronics Technologies Pvt ltd,

Duration: February 2022 to July 2022

Designation: Aws/Linux System Administrator

ROLES & RESPONSIBILITIES:

* **User management** – Users and group creation and setting up password and login restrictions as per the security standards of the company
* Monitoring the system, cup, memory and disk utilization using top, sar, vmsat, net stat, etc.
* Troubleshooting system/network related issues within the SLA.
* Increase the thread pool size in the properties files as per requirement.
* Maintaining space free in both production and Log writer server.
* Manual patching’s & BigFix console through.
* Providing root privileges to users using Sudor’s.
* Creating and configuration new production, Dev environments.
* Creating EC2 instances, Auto scaling, s3, Elastic Load Balancers and AMIs and snapshots by utilizing EBS.
* Add and extend disks for servers in Linux servers.
* Installing and updating packages.
* Utilizing cloud watch to monitor resources in AWS such as EC2, RDS, ELB.
* Providing support for client-side production issues.
* Managing EBS and taking snapshots of volumes, Working on LVM’s
* Creating events in CloudWatch to get alerts on various things like cup utilization, DB connections etc.,
* Creating EC2 instances, Auto scaling, s3, Elastic Load Balancers and AMIs and snapshots by utilizing EBS.
* Configuring NFS and ftp servers for file transferring files.
* Managing Git, GitHub and Maven.
* Writing shell scripts to automate daily tasks.
* Creating and managing AMI’s snapshots for servers.

Project 3 :

Company: VA Solutions private limited.

Client: Cosmos Bank

Duration: March 2018 to January 2022

Designation: Linux System Administrator

ROLES & RESPONSIBILITIES:

* **User management** – Users and group creation and setting up password and login restrictions as per the security standards of the company.
* System Administration and performance monitoring Task on Linux / Aix servers
* Maintaining physical Linux servers working on live banking UPI and Mobile Banking Project,
* Monitoring the two web servers by using Apache and verify the transaction status

 then check the screens and jar files are working or not

* Monitoring the system, cup, memory and disk utilization using top, sar, vmsat, net stat, etc.
* Troubleshooting system/network related issues within SLA framework.
* Every day have to check the Apache and tomcat in the both web and production servers
* Maintaining space free in both production and Log writer server.
* Maintaining the client UPI portal’s and fetches the data as per client requirement.
* Maintain the server downtime and report every day to higher authorities.
* Managing GroupFile Systems & Permissions.
* Logical Volume Management - Configuring LVM Physical Volumes, Volume groups, Logical volumes, creating different type of file systems, configuring filesystem entry fstab file.
* Checking the file system and increase/decrease the file system if required.
* Troubleshooting day-to-day issues on operating system.
* Scheduling the Corncobs, analyzing logs and Data Backup &Restore.
* Creating, managing and modifying user accounts, Groups and Passwords.
* Implementing SETUID, SETGID AND STICKYBIT,
* Having good hands-on experience in creating and resizing the partition by using LVM.
* Installing and administrating the packages using with RPM and YUM tools.
* Taking backup and restore the data by using Gzip and Tar.
* Monitoring system performance issues like Memory, CPU, and Disk Utilization by using monitoring tools.
* Maintaining free space in both production and Log writer server.
* Have a Experience in patching Manually patching & BigFix console through
* Providing root privileges to users using Sudor’s.
* Assessing system performance using various Linux performance commands and taking actions accordingly.
* Installing and Configuring NFS Server. Configuring shares, and security settings, and mounting exported NFS share on different NFS clients and solve NFS related issues in the environment.
* Services and its administration in Linux Operating System.
* Recovering root passwords as per requirement.
* Creating Partitions and Managing a Logical volume manager and SWAP.
* Checking Space availability for File System to increase or decrease volumes/file system space.
* Experience with VMWare tools, deployment of VM's, VM's migration experience.
* Incident Management, change management and Problem Management,

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