



VIJAY K

AWS LINUX CLOUD ENGINEER

Contact



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LinkedIn



Glassdoor



Salem

EXPERTISE



RHEL/CENTOS/ALMA/
UBUNTU/ROCKY/KALI



VIRTUALIZATION



LVM



APACHE



FTP



NFS



CIFS



LAMP



LEMP



FIREWALL

SUMMARY

Experienced Linux System Administrator and AWS with Expertise in System Installation, Configuration, and Maintenance. Proficient In User Management, Network Services and Ensuring System Security and performance. Skilled in Backup and Recovery Solutions, Troubleshooting and Optimizing IT infrastructure for Reliability and Efficiency.

LINUX

Company Name

MAY 2024 - DEC 2024

- Deployed and configured RHEL, Rocky, Alma, Kali, Ubuntu and CentOS Servers in a Virtualized Environment.
- Expertise in using YUM and DNF package managers for software installation, updates, and dependency resolution.
- Strong technical Background in Storage, Disk Management, Logical Volume Management(LVM).
- Expertise in Web Server Configuration and Maintained the Servers like Apache. LAMP on Linux systems, ensuring robust web hosting capabilities.
- Configuration and administration of NFS in Linux and also Implemented Samba for Sharing of Resources between Linux and Windows Environment.
- Implement and Configured a basic FTP Server on a Linux environment using vsftpd.
- Skilled in user management, including creating and modifying user accounts and groups, configuring file permissions, and managing access control to various systems based on client requirements.

- ✓ NETWORK
- ✓ MARIA DB
- ✓ MYSQL

EXPERTISE

- ✓ EC2 INSTANCE
- ✓ S3 BUCKETS
- ✓ LIGHTSAIL
- ✓ AMI
- ✓ EBS
- ✓ EFS
- ✓ BOOT STRAPPING
- ✓ ELASTIC BEANSTALK
- ✓ LAMBDA
- ✓ VPC
- ✓ AWS BACKUP

EDUCATION

- ✓ **Annapoorana Engineering College**
2021 - 2024
Bachelor of Computer Engineering
- ✓ **Thiagarajar Polytechnic College**
2016 - 2019
Diploma in Computer Engineering
- ✓ **The Little Flower Hr. Sec. School**
2016
SSLC

- System administrators are tasked with implementing robust security measures, including managing user permissions, configuring and monitoring firewalls (such as iptables and firewall), and enforcing SELinux policies to prevent unauthorized access and ensure the system's integrity and protection.
- Implemented, administered, and optimized Apache Web Server on Linux environments to deliver secure, high-performing, and dependable web hosting solutions.
- Management and setup of Linux systems, leveraging CIFS to facilitate effective resource sharing and seamless integration between Linux and Windows systems.
- Experienced in web server setup and administration, specializing in Nginx management and LEMP stack deployment on Linux systems to ensure robust and efficient web hosting environments.
- Managing and working with databases such as MySQL and MariaDB involves a range of tasks, including installing the database systems, creating databases, tables, and inserting values.
- Experienced in Linux package management, proficient in using tools like apt, dnf, and zypper to install, update, remove, and manage software packages on various Linux distributions, ensuring system stability and up-to-date software environments.

AWS

- Proficiently deployed and configured Amazon EC2 instances using a variety of Linux distributions (Amazon Linux, RHEL, SUSE Linux, CentOS, Ubuntu) and Windows Server AMIs, aligning with specific project requirements to ensure optimal performance and reliability.
- Proficient in creating and deploying EC2 launch templates tailored to client requirements, optimizing instance provisioning with essential software packages, and generating custom AMIs from configured instances to ensure efficient and scalable future deployments.
- Expertly attached and configured Elastic Block Store (EBS) volumes to EC2 instances, optimizing storage scalability and performance to meet the demands of various applications and workloads.
- Expertly implemented Amazon Elastic File System (EFS) to deliver shared, scalable file storage across multiple EC2 instances, ensuring efficient data access, consistency, and high availability.

PERSONAL DETAILS

- ✓ D.O.B : 12.02.2001
- ✓ GENDER : MALE
- ✓ BLOOD GROUP : A+
- ✓ MARITAL STATUS : SINGLE
- ✓ NATIONALITY : INDIA

LANGUAGES

- ✓ ENGLISH
- ✓ TAMIL

- Skilled in managing snapshot backups and restores for EC2 instances and volumes, ensuring data integrity, enabling efficient disaster recovery, and reducing downtime in cloud environments.
- Deployed and managed AWS LightSail instances for Linux and Windows environments, hosting websites, applications, and databases. Delivered scalable, cost-effective solutions with a focus on high availability and performance.
- Expertly built and managed Amazon S3 buckets, implementing policies for access control and security. Utilized S3 and Glacier for efficient storage and backup solutions. Configured bucket policies to restrict access, enabled default encryption for data security, and set up S3 buckets for seamless sharing of static website content.
- Expert in implementing AWS EC2 bootstrapping to automate instance provisioning and configuration, including user creation, package installation, and additional configurations, ensuring efficient software deployment and enhanced operational performance.
- Skilled in using AWS Elastic Beanstalk to automate deployment, infrastructure setup, load balancing, scaling, and monitoring, optimizing performance for web apps, APIs, and microservices.
- Designed and implemented a VPC in alignment with client requirements, allocating specific subnet IP addresses to EC2 instances, ensuring a secure, scalable, and optimized network configuration to meet the client's cloud infrastructure needs.
- Implemented AWS Lambda to enable serverless computing, running code in response to events, managing compute resources automatically, and scaling applications without server management.
- Proficient in using AWS Backup to design backup plans, automate scheduling, retention, and restore processes, ensuring data integrity and compliance in cloud environments.

DECLARATION

I do here by declare that the above give particular are true to best of my knowledge

PLACE:

DATE:

Yours Faithfully
(VIJAY K)