

Linux & AWS Cloud Administrator

Romesh Singh

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Career Objective

A highly motivated **Linux System Administrator and AWS Cloud Engineer** with over 4 years of experience, seeking a challenging role in a dynamic organization. Passionate about leveraging technical expertise in **cloud computing, system administration, and automation** to drive operational efficiency, ensure system reliability, and support organizational growth. Dedicated to continuous learning and delivering innovative, scalable, and secure IT solutions.

Professional Summary

- **4+ years of experience** in Linux System Administration and AWS Cloud Operations.
- Proficient in managing and securing **Linux servers** and AWS infrastructure, ensuring uptime, scalability, and performance optimization.
- Skilled in **cloud services** like EC2, S3, IAM, Route 53, and Elastic Load Balancers, supporting critical production environments.
- Strong expertise in **monitoring tools** like Nagios, Zabbix, and CloudWatch, with a focus on proactive issue resolution.
- Experienced in handling production incidents, implementing backup strategies, and performing system upgrades and patching.

Technical Skills

Operating Systems: RHEL 7/8, CentOS, Ubuntu

Cloud Platforms: AWS (EC2, S3, IAM, Route 53, ELB, CloudWatch, Lambda)

Web & Application Servers: Apache, Tomcat, MySQL, PHP, LAMP Stack

Networking & Security: DNS, TCP/IP, SSH, SE Linux, Firewalls, SSL, LDAP

Monitoring & Automation: Nagios, Zabbix, CloudWatch, Ansible

Backup & Storage: LVM, S3 Backup, NFS, Disaster Recovery Solutions

DevOps Tools: Git, Jenkins (Basic Knowledge), Terraform (Fundamentals)

Scripting & Tools: Bash, Python (Basic for automation), Cron Jobs

Professional Experience

Linux System Administrator & AWS Cloud Engineer
NextGen Vision Technology Pvt Ltd. | November 2020 – Present

- **Daily Responsibilities:**

- Administer Linux systems (RHEL 7/8) and manage AWS infrastructure for production and staging environments.
- Monitor and optimize system performance using **Nagios, Zabbix, and CloudWatch**.
- Troubleshoot and resolve issues related to **DNS, TCP/IP, SNMP**, and server access.
- Perform routine system patching, backups, and disaster recovery testing.
- Configure and manage **Route 53 DNS records, Elastic Load Balancers**, and IAM roles.
- Coordinate with internal teams to resolve incidents and manage ticketing tools like **ServiceNow** and **JIRA**.
- Deploy and maintain web applications using the **LAMP stack**, ensuring high availability and security.

- **Key Achievements:**

- Automated routine tasks with Ansible, reducing downtime and manual effort.
- Successfully migrated on-premises systems to AWS with zero disruptions.
- Improved system availability by 25% through proactive monitoring and optimization

Advanced Daily Tasks

- Manage **EC2 instances**, including provisioning, scaling, and performance monitoring.
- Apply security patches and upgrades to Linux servers to protect against vulnerabilities.
- Analyze logs and performance metrics to identify potential bottlenecks or risks.
- Configure and maintain **IAM policies** for secure access and role-based permissions.
- Conduct root-cause analysis for production incidents and document solutions.
- Install and manage SSL certificates for secure server-client communication.
- Coordinate deployments and updates with development teams using version control tools like Git.

Key Strengths

- **Analytical Thinking:** Expert in diagnosing and solving complex system and network issues.
- **Collaboration:** A dependable team player who thrives in high-pressure situations.
- **Adaptability:** Quick learner of emerging tools and technologies to drive efficiency.
- **Detail-Oriented:** Focused on delivering robust and secure solutions.

Languages

- English
- Hindi

Education

- **B.Sc, DBRAU University, 2020**
- **Senior Secondary, UP Board, 2015**
- **High School, UP Board, 2013**

Declaration

I hereby declare that the information provided above is accurate to the best of my knowledge.

Romesh Singh