SUDHAKAR SONI

DevOps Engineer | Linux Admin | SRE

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SUMMARY

DevOps and Linux Systems Engineer with 3 years of experience in developing and maintaining robust infrastructure. Skilled in designing automation and reliability solutions for production environments. Proficient in **AWS (EC2, S3, IAM, CloudWatch)**, **Docker**, **Kubernetes**, **Jenkins**, **Git/GitHub**, **Ansible**, and building scalable CI/CD pipelines. Familiar with scripting and infrastructure-as-code tools like Terraform. Strong focus on **automation**, cloud infrastructure management, and continuous monitoring. Proven ability in using **Prometheus** and **Grafana** for proactive monitoring and **incident response** to ensure high system availability and performance.

SCHOLASTIC RECORD

Course	Institute / School	Percentage / CGPA	Year
BTECH CSE	AKS University Satna MP	8.04	2023
12th	Kashi Hr. Sec School Amiliya Sidhi MP	83	2019
10th	Kashi Hr. Sec School Amiliya Sidhi MP	87	2017

PROFESSIONAL SKILLS

- **OS Platforms**:   Linux Administrator (RHEL, Ubuntu, SUSE, CentOS), Windows Server
- **Containerization**:   Docker, Kubernetes, OpenShift, Rancher
- **Maintenance & Patching**:   Cluster Node Patching & Upgrading,
- **Automation & IaC**:   Terraform, Helm, Ansible
- **Monitoring & Logging**:   Grafana Stack, OpenTelemetry, ELK, OpenSearch, Splunk, Datadog
- **CI/CD Tools**:   Git Actions, GitHub
- **Cloud / Infrastructure:**   AWS (EC2, S3, IAM, CloudWatch), Azure, GCP (Basic)
- **Storage**:   Ceph, MinIO
- **Virtualization**:   VMware, CloudStack
- **Scripting**:   PowerShell, Bash, Python
- **Database**:   Postgres

PROFESSIONAL EXPERIENCE

OS3 Infotech Pvt Ltd (Assistant System Engineer)   Oct 2022 – Aug 2025

- Manage and maintain Linux servers (Ubuntu, CentOS, RHEL), ensuring system security, regular updates, and high availability.
- Design and implement CI/CD pipelines with Jenkins and Git/GitHub, automating builds, testing, and deployments to streamline development workflows.
- Deploy and orchestrate containerized applications using Docker and Kubernetes, enabling scalable microservices architecture and reducing deployment time.
- Develop and maintain Ansible playbooks for configuration management and infrastructure provisioning, automating routine tasks and environment setups.
- Configure and leverage monitoring tools (Prometheus, Grafana, Nagios) to oversee system health; lead incident response efforts to troubleshoot and resolve production issues quickly.

INFOSYS BPM Ltd (Technology Support Specialist)   Aug 2025 - Present

- I have been responsible for providing L1/L2 technical support for enterprise infrastructure and applications.
- My role involves monitoring, incident management, troubleshooting, and automation of routine support tasks.
- I have hands-on experience in Linux server administration, ticketing tools (ServiceNow), log analysis with cross-functional teams for problem resolution.
- Additionally, I contribute to system health monitoring, shift-based support, and knowledge base documentation, ensuring smooth day-to-day IT operations.

PROJECTS

 # 5: OS Upgrade & Standardization for Ultratech Cement
Client: Ultratech Cement
Duration: March 2025 – June 2025

Key Responsibilities:
- Performed system discovery and compatibility checks for over 100+ servers across manufacturing units.
- Planned and executed in-place OS upgrades from RHEL 6/7 to RHEL 8 using boot ISO and PXE boot.
- Built custom Kickstart files and used PXE automation for fresh installs where needed.
- Used Ansible playbooks to install required packages and configure baseline system hardening.
- Migrated applications, validated dependencies, and ensured service continuity post-upgrade.
- Created rollback plans, documentation, and trained local IT support for post-deployment maintenance.

 # 4: Container Security Implementation
Client: Federal Bank – DevSecOps Team
Duration: November 2024 – February 2025

Key Responsibilities:
- Deployed **Neu Vector containers** into RKE2 clusters with custom Helm charts and secure ingress.
- Integrated with **Harbor container registry** for image vulnerability scanning and policy enforcement.
- Configured **Layer 7 network segmentation**, protocol inspection, and runtime anomaly detection.
- Set up role-based access control (RBAC) and user audit logs for the security team.
- Tuned runtime policies to prevent unauthorized process execution and outbound connections.
- Delivered training to DevOps and InfoSec teams on secure container workflows.

#3: Centralized Logging and Security Stack *(Internal Project)*
Key Responsibilities:
- Deployed and configured ELK Stack (Elasticsearch, Logstash, Kibana) across 20+ Linux servers for syslog and application log aggregation.
- Integrated Filebeat and Logstash pipelines for structured log ingestion and enrichment.
- Created Kibana dashboards for real-time monitoring, log correlation, and alerting.
- Defined log rotation and retention policies based on compliance requirements and disk performance optimization.
- Set up the **LGTM Stack (Loki, Grafana, Tempo, Mimir)** for lightweight, Kubernetes-native observability.
- Deployed **Loki** as a log aggregator in Kubernetes clusters with **Promtail** agents.
- Integrated **Grafana** with both ELK and LGTM sources for unified dashboards.
- Used **Tempo** for distributed tracing and **Mimir** for long-term metrics storage.
- Enabled alerting based on log patterns and resource usage spikes using **Grafana Alerting Rules**.

#2: Automated CI/CD for Microservices on Kubernetes *(Internal Project)*
Key Responsibilities
- Designed a GitHub Actions pipeline for code build, test, containerization, and deployment.
- Integrated Helm for versioned deployments to OKD/OpenShift cluster.
- Reduced release time by 60% while ensuring zero-downtime deployments.

#1: Infrastructure as Code with Terraform & Ansible *(Internal Project)*
Key Responsibilities:
- Provisioned infrastructure components (VPC, EC2, AKS/EKS clusters) using Terraform.
- Automated post-provisioning configurations using Ansible for consistency and
- compliance.

CERTIFICATION

- Linux Administration (10/2022 - 06/2023)
- Elevate to the cloud: Container and Kubernetes (06/2021 - 06/2021)
- AWS Cloud Computing (05/2021 - 06/2021)

DECLARATION

I hereby declare that all the facts given above are true and correct to the best of my knowledge.

Name: Sudhakar Soni
Date: