

KABBIL G I

Site Reliability Engineer | Linux Infrastructure | Cloud & Automation

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PROFESSIONAL SUMMARY

Site Reliability Engineer with 5+ years of experience managing large-scale Linux infrastructure across physical servers (Dell iDRAC, HP iLO, Supermicro) and cloud/virtual environments including Azure, AWS, VMware, and OpenStack. Expert in proactive monitoring, incident response, and RCA — consistently achieving 99%+ uptime SLAs. Strong automation background with Python, Bash, and Ansible, reducing operational overhead by up to 80%. Holds RHCE, AZ-400, and AZ-104 certifications.

TECHNICAL SKILLS

OS & Platforms:	RHEL, CentOS, AlmaLinux, Ubuntu
Cloud & Virtualization:	Azure, VMware vSphere, OpenStack, AWS
Monitoring & Observability:	Zabbix, Nagios, Prometheus, Grafana
Scripting & Automation:	Python, Bash — automation & infrastructure scripting
Configuration Management:	Ansible — playbook development and creation
Containers & Orchestration:	Docker, Docker Swarm (L1)
CI/CD & Version Control:	Jenkins, Azure Pipelines, Git
HPC & Middleware:	IBM Spectrum LSF, NFS/NAS
Ticketing & ITSM:	ServiceNow — SLA tracking, CMDB, ticketing
Web & Databases:	Apache, Nginx, Flask, MySQL

WORK EXPERIENCE

Spanidea Systems Pvt. Ltd.

Sep 2023 – Present

Sr. System Administrator · Client: Synopsys, Inc.

- ▶ Diagnosed P1/P2 incidents via structured RCA, maintaining 99%+ uptime and reducing MTTR to under 10 minutes across distributed Linux environments.
- ▶ Built Ansible playbooks for infrastructure provisioning and configuration, cutting manual processing effort by 60% across multi-server environments.
- ▶ Delivered L1 support for IBM Spectrum LSF HPC nodes — handling job scheduling issues, node failures, and queue management.
- ▶ Performed OpenStack VM operations (health checks, start/stop/reboot) and console-level interventions on physical hosts to resolve boot order issues.
- ▶ Led in-place OS upgrades from CentOS (EOL) to RHEL using the Leapp utility across production servers, with minimal planned downtime during scheduled maintenance windows.
- ▶ Executed server provisioning using pre-built Kickstart templates via PXE boot during CentOS to AlmaLinux migrations, handling console-level troubleshooting to ensure successful deployment.

HCL Technologies Limited

Jan 2021 – Jun 2023

Analyst · Client: Blue Yonder, Inc.

- ▶ Managed 3,000+ Azure public cloud VMs and 2,000+ VMware private cloud VMs — ensuring high availability, performance tuning, and health monitoring.
- ▶ Participated in mock and live Disaster Recovery (DR) drills spanning 1,000+ VMs across Azure and vCenter (VMware) environments, handling Linux OS-side activities and executing assigned failover and failback procedures to ensure business continuity.
- ▶ Maintained zero escalations across patch cycles for 4,000+ client environments — coordinating change windows, rollbacks, and post-patch validation.
- ▶ Automated NFS share mounting across 30+ Linux servers via Bash scripting, eliminating 50% of manual provisioning effort.

Ashok Leyland Limited

Dec 2018 – Dec 2019

Graduate Apprentice Trainee

- ▶ Diagnosed mechanical failures through structured inspection, cutting average repair time from 2 hours to 1 hour per system.

KEY PROJECTS

Portfolio Website (Flask · AWS · Docker · Nginx) · Jul–Aug 2025

- ▶ Built learnwithkabbil.in: Flask + MySQL + Nginx microservices in Docker Compose on AWS EC2. Exposed only ports 80/443 with production-grade security.

Grafana-Prometheus Monitoring Stack (Azure & Jenkins) · Sep–Oct 2024

- ▶ Deployed Grafana + Prometheus in Docker containers via Ansible; built dual CI/CD pipelines — Azure DevOps (cloud) and Jenkins + Ansible (on-prem). Configured Node Exporter, SSL, and Azure DNS zones.

Python Data Extraction & Automation Tool · Sep–Oct 2024

- ▶ Automated data collection and processing workflows in Python, saving 25+ hours/month and reducing processing time by 80%.

NAS/NFS Share Automation (Bash) · Jan–Feb 2023

- ▶ Automated NFS share mounting across 30+ servers using Bash scripting — reduced provisioning effort by 50% and eliminated manual mount errors.

CERTIFICATIONS

- ▶ Microsoft Certified DevOps Engineer Expert (AZ-400)
- ▶ Microsoft Certified Azure Administrator Associate (AZ-104) — Renewed x3
- ▶ Microsoft Azure Fundamentals (AZ-900)
- ▶ Red Hat Certified Engineer — RHCE (EX-294)
- ▶ Red Hat Certified System Administrator — RHCSA (EX-200)
- ▶ Introduction to Python Programming (MTA 98-381)

EDUCATION

Saranathan College of Engineering

Bachelor of Engineering in Mechanical Engineering

May 2014 – Jun 2018