

Kabbil G I

9442131516 | g.i.kabbil@gmail.com | linkedin.com/in/kabbil | github.com/kabbilkarthi | learnwithkabbil.in

SUMMARY

SRE with 5+ years of experience managing large-scale Linux infrastructure (5000+ systems including VMs and physical servers) with focus on system reliability, incident management, automation, and high availability. Experienced in reducing MTTR, handling P1/P2 incidents, and supporting production environments across Azure and VMware platforms. Skilled in Ansible, Bash, monitoring tools, Docker, and Kubernetes familiarity.

EXPERIENCE

Spanidea Systems Pvt. Ltd.

Sep 2023 – Present

Senior System Administrator | Client: Synopsys, Inc.

- Diagnosed and resolved P1/P2 incidents using RCA, maintaining 99%+ uptime and reducing MTTR to under 10 minutes.
- Automated infrastructure provisioning using Ansible playbooks, reducing manual effort by ~60%.
- Handled monitoring alerts and production incidents, performing RCA to restore services with minimal downtime.
- Supported IBM Spectrum LSF workloads, OpenStack VM operations, and Docker deployments.
- Executed PXE/Kickstart-based provisioning for automated OS deployments across multiple systems.

HCL Technologies Limited

Jan 2021 – Jun 2023

Analyst | Client: Blue Yonder, Inc.

- Managed 5000+ VMs across Azure and VMware environments, supporting production systems and ensuring high availability.
- Executed DR drills across 1000+ VMs ensuring failover readiness.
- Maintained zero escalations across patch cycles for 4000+ environments.

Ashok Leyland Limited

Dec 2018 – Dec 2019

Graduate Apprentice Trainee

- Diagnosed mechanical failures through structured inspection, improving repair efficiency and turnaround time.

PROJECTS

Centralized Infrastructure Provisioning (PXE, Kickstart, Ansible): Designed and implemented a scalable automated OS provisioning system for production environments on RHEL 8.3 and RHEL 10 by integrating DHCP, TFTP, HTTP, and local repositories.

Grafana-Prometheus Monitoring Stack: Deployed Prometheus and Grafana using Docker and automated setup through Ansible playbooks, with CI/CD pipelines via Azure DevOps and Jenkins.

Portfolio Website (Flask, AWS, Docker): Designed and deployed a containerized microservices-based application using Flask, MySQL, and Nginx via Docker Compose on AWS EC2.

Python Data Extraction & Automation Tool: Developed Python scripts to automate data extraction and processing tasks, improving efficiency by ~80% and saving 25+ hours per month.

TECHNICAL SKILLS

OS: RHEL, CentOS, AlmaLinux, Ubuntu

Cloud / Virtualization: Azure, VMware vSphere, AWS

Automation: Ansible, Shell Scripting, Python

Monitoring: Zabbix, Nagios, Prometheus, Grafana

Containers / Orchestration: Docker, Docker Swarm, Kubernetes (Familiar)

Distributed Systems: IBM Spectrum LSF

Networking: DNS, DHCP, HTTP/S, FTP, SFTP, TCP/IP

Hardware: Dell iDRAC, HPE iLO, Supermicro

SRE: Incident Management, RCA, SLA, MTTR, Production Support

VCS / DB: Git, GitHub, MySQL

EDUCATION

Saranathan College of Engineering

2014 – 2018

B.E. Mechanical Engineering