

SANDEEP R N

Senior Cloud Engineer | SRE | Platform Engineering

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PROFESSIONAL SUMMARY

Cloud & SRE Engineer with 3+ years of production experience across AWS, Azure, and OCI. Specialised in large-scale observability (1000+ servers, 15k+ URL checks), infrastructure automation with Terraform and Ansible, CI/CD pipelines, Kubernetes-based container platforms, and OCI DR orchestration. Track record of eliminating operational toil through Python/API automation, improving RTO/RPO for Tier-1 customers, and driving incident resolution on high-impact production bridges.

TECHNICAL SKILLS

Cloud: AWS (EC2, S3, IAM, CloudWatch) • Azure (AZ-104 Certified) • OCI (Compute, Networking, DR Protection Groups)

Container & Orchestration: Kubernetes • Docker • Container lifecycle & troubleshooting

IaC & Config Management: Terraform • Ansible • Azure Bicep

CI/CD: Azure DevOps Pipelines • Git • YAML-based release automation

Observability: Prometheus • Grafana • Zabbix (v4→v7 migration) • Centreon • Azure Monitor • JMX / Tomcat APM

Scripting & Automation: Python (Zabbix API, REST automation) • Bash • Ansible playbooks

Incident Management: PagerDuty • Jira • RCA authoring • Production bridge facilitation

Networking: DNS • Load Balancing • Firewalls • Reverse Proxy

PROFESSIONAL EXPERIENCE

Senior Cloud Engineer | *SymphonyAI (via Aadit Technologies)* — Bengaluru | Apr 2026 – Present

- Elevated to SRE-focused role owning reliability, capacity planning, and platform stability across 1000+ server estate on Azure and OCI.
- Lead post-incident review process: author blameless RCAs, track action-item closure, and monitor SLA/SLO adherence across production services.
- Driving Kubernetes adoption initiative — defining namespace standards, resource quotas, and HPA policies for containerised workloads.
- Own observability strategy: Grafana dashboard standards, Prometheus alerting rules, and Zabbix escalation trees mapped to incident severity tiers.

Cloud Engineer | *SymphonyAI (via Aadit Technologies)* — Bengaluru | Mar 2023 – Mar 2026

- Architected and executed Zabbix 4 → 7 migration for 1000+ servers and 15k+ URL checks: rebuilt template hierarchy, consolidated multi-team inventories, redesigned dashboards — zero monitoring gaps during cutover.
- Automated operational toil via Zabbix API in Python: daily unresolved-alert digest, monthly utilisation summaries, automated maintenance-window reports — eliminated ~10 hrs/week of manual effort.
- Built idempotent Ansible playbooks for Zabbix agent deployment, config standardisation, and version rollouts across Linux fleet; reduced per-server onboarding from 30 min to under 2 min.
- Deployed JMX-based APM for Tomcat clusters: thread count, live/active connections, heap utilisation — surfaced application-layer signals previously invisible to ops teams.
- Implemented OCI DR Protection Groups for a Tier-1 customer, replacing legacy backup-based DR with orchestrated failover/failback — measurably improved RTO and RPO against SLA commitments.
- Managed Azure and OCI Linux infrastructure: OS patching, performance triage, capacity review, and environment validation across prod and non-prod tiers.
- Executed hotfix deployments, major version upgrades, and DR drills — pre-checks, backup validation, coordinated rollouts, and post-deployment smoke tests across multi-environment topologies.
- Facilitated production incident bridge calls: coordinated multi-team troubleshooting, drove service recovery, authored customer-facing RCA reports for high-impact issues.
- Maintained Azure DevOps Pipelines for deployment workflows, patch automation, and release repeatability; supported Docker-based application updates across environments.

CERTIFICATIONS

Microsoft Certified: Azure Administrator Associate (AZ-104) — Credential ID: 8DA648914E6F9A0E

Microsoft Certified: DevOps Engineer Expert (AZ-400) — Credential ID: 4790DEDAC422B797

Oracle Cloud Infrastructure 2025 Certified Foundations Associate — Credential ID: 102961170OCI25FNDCFA

EDUCATION

Master of Computer Applications (MCA) — Bangalore University (2019 – 2022)

Bachelor of Computer Applications (BCA) — Bangalore University (2016 – 2019)