

Deepak Inugala

Team Lead - Site Reliability Engineering | Cloud & Platform Infrastructure | International Delivery

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Location: Abu Dhabi, UAE

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10+ yrs

Industry Experience

5+ yrs

Team Lead / SRE

6 Members

Team Managed

6 Countries

International Delivery

3 Verticals

GOVINT/OSINT/Smart
Nation/RND/POC

99.99%

Platform Uptime

PROFESSIONAL SUMMARY

Results-driven SRE Team Lead with 10+ years of infrastructure engineering and 5+ years leading a 6-member SRE team across 10+ concurrent enterprise and government projects at G42. Expert at setting OKRs, defining SLOs/SLIs/error budgets, driving automation to eliminate toil, and embedding reliability practices into the SDLC. Proven international delivery leader — deployed G42 platforms on-site in Kazakhstan, Angola, Bahrain, and UAE and remotely for Maldives and Ethiopia, managing client engagement, onboarding, and training across GOVINT, OSINT, and Smart Nation verticals. Hands-on expertise in Azure (AKS, Sentinel, Defender, Key Vault), Kubernetes, Terraform, Prometheus, Grafana, and ELK Stack.

TECHNICAL SKILLS

Cloud & Kubernetes

Azure (AKS, Key Vault, Defender, Sentinel, Monitor, VNet), AWS (EKS, EC2, S3, RDS, Lambda, CloudWatch), G42 Cloud, OpenStack; AKS, EKS, Rancher, RKE2, Helm, ArgoCD, Docker, Harbor

SRE Practices

SLO/SLI/Error Budget Design, Incident Management, Blameless Post-Mortems, Capacity Planning, Disaster Recovery, Chaos Engineering, Toil Reduction

IaC & Automation

Terraform, Ansible, GitLab CI/CD, GitOps, Argo CD, Python, PowerShell, Bash, n8n Workflow Automation

Observability & Sec

Prometheus, Grafana, ELK Stack, Zabbix, Azure Monitor, DCGM GPU Metrics, Loki; Palo Alto Firewalls, Sentinel SIEM, Defender, Zero-Trust, Keycloak OIDC

AI / MLOps

Enterprise GPU Cluster Management, DCGM Exporter, vLLM, Kubeflow Pipelines, MLflow, Argo Workflows, LangGraph, RAG (Qdrant), n8n

Databases & OS

ClickHouse, PostgreSQL, MySQL, Oracle DB, Elasticsearch, Confluent Kafka; Ubuntu, RHEL, CentOS, Windows Server; Ceph, SAN, NAS, Airflow

WORK EXPERIENCE

SRE Team Lead | Senior Site Reliability Engineer | Group 42 (G42)

07/2019 – Present | Abu Dhabi, UAE | On-Site: Kazakhstan, Angola, Bahrain | Remote: Maldives, Ethiopia

Team Leadership & People Development

- Led a 6-member SRE team across 10+ concurrent enterprise and government projects for 5+ years setting OKRs aligned to business SLAs, managing resource allocation, running structured 1:1s, performance reviews, and development plans to grow engineers from mid-level to senior capability.
- Championed reliability-first culture: introduced error budget policies, weekly reliability reviews, and blameless post-mortem processes; partnered with product and platform engineering to embed SLOs, change management gates, and rollback requirements into the SDLC before code reached production.

International Delivery — On-Site & Remote (6 Countries)

- Deployed and commissioned G42 platforms (GOVINT, OSINT, Smart Nation) at client sites across Kazakhstan, Angola, and Bahrain acting as sole technical authority for infrastructure, SRE, DevOps, and security; additionally supported Maldives and Ethiopia remotely via secure VPN, coordinating with local client IT teams across time zones.
- Managed all pre-deployment readiness: data center vendor coordination, rack-and-stack, power/cooling validation, network setup, hardware commissioning, and go-live UAT travelling approximately 50% of each month across international sites.
- Led client technical onboarding and structured training programs at each site facilitating knowledge-transfer workshops, producing localized runbooks, and handing over fully operationalized systems with SLA documentation and support escalation paths.

- Concurrently managed infrastructure and SRE across GOVINT (secure air-gapped government intelligence platforms), OSINT (large-scale public data ingestion via Kafka/ELK with GPU-accelerated NLP), and Smart Nation projects (IoT aggregation, city-scale analytics, AI inference stacks, and government ministry API gateways).

SLO / SLI / Error Budgets & Incident Management

- Defined SLOs and SLIs across 50+ production services (availability 99.9-99.99%, latency P95/P99, error-rate targets); established error budget enforcement; facilitated quarterly capacity planning reviews and annual DR testing achieving RTO under 2 hours and RPO under 15 minutes.
- Owned full incident management lifecycle — reducing P1 incidents by 60% over 2 years; reduced MTTD from 15 minutes to under 3 minutes via Prometheus Alertmanager; eliminated 70% of false-positive pages; deployed LangGraph SRE agent workflows for autonomous runbook execution.

Automation, Cloud Infrastructure & Security

- Architected multi-cloud infrastructure across Azure (AKS), AWS (EKS), and G42 sovereign cloud delivering 99.99% uptime; automated provisioning with Terraform and Ansible reducing build time from days to under 2 hours; achieved 50%+ toil reduction via Ansible and n8n automation.
- Designed Azure security architecture (Key Vault, Sentinel SIEM, Defender, Palo Alto firewall, Zero-Trust, ISO 27001/UAE IA); built full-stack observability across 200+ nodes (Prometheus/Grafana, ELK Stack, Zabbix, DCGM).
- Managed enterprise network infrastructure including VLAN and IP address management (IPAM), Palo Alto and Azure Firewall administration, and Site-to-Site (S2S) and Point-to-Site (P2S) VPN configurations to ensure secure, scalable, and highly available hybrid network environments

Cloud Engineer | First Abu Dhabi Bank (FAB)

02/2018 – 07/2019 | Abu Dhabi, UAE

- Cloud Administration & Infrastructure: completed FGB-NBAD bank merger IT integration with zero major incidents; designed and managed highly available AWS architectures (EC2, EKS, RDS, S3, Lambda, ECS, Load Balancers) with Well-Architected Framework reviews, centralized monitoring via CloudWatch, Prometheus, and Grafana.
- Elasticsearch & Hadoop Administration: deployed and managed multi-node Elasticsearch clusters (ILM policies, shard allocation, Kibana dashboards); installed and administered Cloudera CDH clusters (HDFS NameNode HA, YARN, HBase, Hive, Spark, Zookeeper) with Kerberos and Ranger authorization.
- Vulnerability Patching: owned full vulnerability management lifecycle triaged CVEs by severity, applied OS and middleware patches via Ansible, validated remediation through post-patch scanning; led incident response.

Linux Engineer | HCL InfoSystems Limited

04/2015 – 01/2018 | Abu Dhabi, UAE

- Core Linux Administration & Data Center Operations (3,000+ Physical Servers): managed large-scale Linux fleet (RHEL, CentOS) OS provisioning, Ansible configuration management, user administration, performance tuning, hardware fault diagnosis (iDRAC/iLO), and server firmware lifecycle across Dell, HP, and IBM servers.
- On-Premises-to-Cloud Migration: led strategic migration of Linux infrastructure and Cloudera Hadoop clusters to cloud with under 2 hours downtime and 0% data loss; managed full project delivery including timeline, budget, and stakeholder communication for 20+ node cluster.

CERTIFICATIONS

Microsoft Certified: Azure Administrator Associate (AZ-104)

Valid: 02/2026 - 07/2027

Microsoft Certified: Azure Solutions Architect Expert (AZ-305)

Valid: 07/2025 - 07/2027

AWS Certified Solutions Architect - Associate

Valid: 07/2022 - 07/2025 | ID: PFR7HTQ25EFQQS9T

Certified Kubernetes Administrator (CKA)

Valid: 09/2021 - 09/2023 | Renewal in Progress

G42 Cloud Certified Engineer

Valid: 10/2021 - 12/2024 | ID: G42C/SVD/CRT/0475

Red Hat Certified Engineer (RHCE)

Valid: 02/2015 - 02/2018 | ID: 150-012-904

EDUCATION

Master of Business Administration (MBA)

Jawaharlal Nehru Technology University | 2012 - 2015

Bachelor of Technology (B.Tech)

Jawaharlal Nehru Technology University | 2008 - 2012

LANGUAGES & SOFT SKILLS

Languages

English & Hindi (Professional) | Telugu (Native) | German (Elementary)

Soft Skills

Cross-functional Collaboration | Stakeholder Communication | Problem Solving | Rapid Learning | Adaptability