

RAJNIKANTH S

DevOps Engineer | Site Reliability Engineer (SRE)

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Bengaluru, India

PROFESSIONAL SUMMARY

DevOps and Site Reliability Engineer with **9 years of experience** designing, automating, and operating large-scale cloud infrastructure across fintech, trading, and enterprise environments. Skilled in **Kubernetes, multi-cloud platforms (AWS, GCP), CI/CD, and Infrastructure as Code**, with strong hands-on expertise in enterprise **observability and AIOps** (Splunk, Dynatrace, Prometheus, Grafana). Proven track record improving system reliability and availability through **SLO/SLI design, incident management, and root cause analysis (RCA)**, while driving automation with **Python and Shell scripting** to reduce manual effort and deployment risk. Experienced working in compliance-driven environments (HIPAA, PCI, SOC) and mentoring engineering teams on DevOps and SRE best practices.

CORE SKILLS

Site Reliability Engineering: SLO/SLI design, incident management & response, root cause analysis (RCA), capacity planning & right-sizing, performance analysis & tuning, synthetic monitoring, production troubleshooting, on-call operations

Cloud Platforms: AWS (EC2, EKS), GCP (GKE), multi-cloud architecture, cloud cost optimization

Containers & Microservices: Docker, Kubernetes, Helm, ArgoCD (GitOps), Istio service mesh, Nginx Ingress

Observability & AIOps: Splunk, Dynatrace (Davis AI anomaly detection), Prometheus, Grafana, ELK / EFK, Graylog, Kibana, proactive alerting, alert tuning

CI/CD & Automation: Jenkins, GitHub Actions, GitLab CI/CD, Python, Bash/Shell scripting, Ansible, Infrastructure as Code, deployment automation

Build & Runtime: Java application build & deployment (Maven, Gradle), Apache Tomcat

Databases & Data: PostgreSQL, MySQL, MongoDB, Cassandra, SQL, REST APIs, JSON

Security & Compliance: HIPAA, PCI DSS, SOC, container image vulnerability scanning (Clair, Anchore), OS hardening

Tools & Platforms: Linux, Git, GitHub, Bitbucket, Jira

WORK EXPERIENCE

Module Lead – DevOps & Site Reliability

TEKsystems, Bengaluru • Apr 2025 – Present

- Own the reliability, availability, and performance of critical production trading services for Mutual Fund and Equity platforms in a high-pressure, customer-impacting environment
- Designed and implemented **SLOs / SLIs** for latency, availability, and service health, establishing measurable reliability targets and driving data-informed operational decisions
- Configured **AI-driven anomaly detection and proactive alerting** in Dynatrace (Davis AI), improving incident detection speed and reducing service downtime
- Built advanced **Splunk dashboards** for real-time monitoring, analytics, and business visibility, including trading dashboards with predictive insights

- Created service health and performance dashboards in **Dynatrace**, used by engineering and business stakeholders for capacity and performance analysis
- Built **synthetic monitors** to automate user-journey validation and service health checks, detecting failures before customer impact
- Led **root cause analysis (RCA)** and incident troubleshooting for production issues, implementing continuous observability improvements to prevent recurrence
- Partnered closely with development and business teams to improve service design, operability, and failure-point resilience

DevOps & SRE Engineer

Opt It Technologies Pvt. Ltd., Bengaluru • Oct 2022 – Apr 2025

- Designed and operated production-grade **Kubernetes** clusters on **AWS EKS and GCP GKE** running microservices workloads across multiple production-grade environments
- Built and maintained **CI/CD pipelines** using Jenkins and GitHub Actions, and GitOps-based deployment automation with **ArgoCD and Helm**, increasing release frequency and eliminating manual deployment steps
- Implemented end-to-end **monitoring, logging, and alerting** with Prometheus, Grafana, and centralized ELK / EFK / Graylog logging pipelines
- Configured **Istio service mesh** and Nginx Ingress for traffic management, resilience, and secure service-to-service communication
- Drove **capacity planning, cloud cost optimization, and right-sizing** initiatives across AWS and GCP environments
- Automated recurring operational and deployment tasks using **Python, Bash, and Ansible**, reducing manual toil for the team
- Implemented container **image vulnerability scanning** (Clair, Anchore) and supported **PCI, HIPAA, and SOC** compliance programs with secure data-handling practices
- Mentored engineers on DevOps and SRE best practices, service architecture, and operability improvements

IT Admin & DevOps Engineer

Ensomerge Services, Bengaluru • Aug 2016 – Sep 2022

- Built and deployed **Java applications** using Maven / Gradle with Jenkins; managed Tomcat web servers and production releases
- Administered infrastructure with minimal downtime through proactive patching, upgrades, and security hardening
- Designed and implemented pfSense firewall with dual-WAN failover and configured OpenVPN for secure remote access
- Implemented network monitoring using ntopng and managed DNS and load balancing with F5 BIG-IP

CERTIFICATIONS & EDUCATION

- **Certifications:** AWS Certified Solutions Architect – Associate (2026), GCP Professional Cloud Architect (2026), Cisco Certified Network Associate (CCNA), AWS Associate Course (Udemy)
- **Education:** B.Sc. Computer Science and Technology – Institute of Basic and Vocational Education, Bangalore (2016)
- **Languages:** English, Hindi, Kannada