

Santhosh B

Senior DevOps Engineer

CONTACT

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PROFESSIONAL SUMMARY

Dynamic DevOps professional with extensive experience in cloud infrastructure, automation, and security across AWS, Azure, and GCP. Skilled in containerization (Docker, Kubernetes), Infrastructure-as-Code (Terraform, Ansible, CloudFormation), CI/CD pipelines (Jenkins, GitHub Actions, GitLab CI), and monitoring tools (Grafana, Splunk, AppDynamics, Dynatrace). Proven ability to improve system reliability, reduce costs, and deliver scalable production systems.

KEY SKILLS

Cloud: AWS, Azure, GCP
IaC: Terraform, Ansible, CloudFormation
Containers: Docker, Kubernetes, ECS
CI/CD: Jenkins, GitLab CI, GitHub Actions, Azure DevOps
Scripting: Bash, Python, PowerShell, Groovy
Monitoring: Grafana, Splunk, AppDynamics, Dynatrace
Databases: MySQL, PostgreSQL, DynamoDB, MongoDB
Tools: SonarQube, Nexus/Artifactory, Jenkins, Portainer
OS: RHEL, Ubuntu, Windows
Networking: TCP/IP, DNS, VPN, Load Balancers, SSL/TLS

PROFESSIONAL EXPERIENCE

Renault & Nissan Business Technologies Centre – Senior PLM & DevOps Engineer | Feb 2023 – Present

- Managed eRAW Data Platform refresh cycles in 3DEXPERIENCE ensuring timely ingestion and availability of cost data.
- Executed RE7/OPER data refreshes, validated ingestion, and optimized pipeline execution.
- Improved material mapping accuracy with data cleaning, fuzzy matching, substring logic, and regex classification.
- Automated ARAS Innovator deployments/upgrades across multiple environments using Jenkins CI/CD, PowerShell, and Groovy.
- Performed ARAS migrations with minimal downtime and ensured compatibility.
- Integrated SonarQube for static code analysis and configured Nexus/Artifactory for artifact management.
- Monitored platform performance with Dynatrace and managed multi-node Jenkins for optimized builds.
- Reduced manual deployment effort by ~30% through automation and maintained 100% data availability post-refresh.

TPT Techno Solutions – Senior DevOps Engineer | Oct 2021 – Feb 2023

- Built production-grade 3-tier SaaS infrastructure on AWS using Terraform, reducing provisioning time by ~40%.
- Maintained 99.99% uptime via scaling and event-driven infrastructure

management.

- Reduced infrastructure costs by ~20% (~\$1,700/month) through workload analysis and rightsizing.
- Automated Redshift node management with Bash scripts, cutting non-production costs by 50%.
- Designed HA solutions using multi-AZ deployments, ELB health checks, Auto Scaling, and failover routing.
- Created GitLab CI/CD pipelines for microservices deployment into EKS and Fargate.
- Migrated on-prem databases to cloud and implemented Grafana dashboards for monitoring.

ACT Fibernet – Network Engineer (Technical Support) | Jun 2017 – Jun 2021

- Reduced network fault rate by ~40% via root-cause analysis and infrastructure redesign.
- Supervised on-site engineers and ensured timely implementation of routing optimizations.

CERTIFICATIONS & AWARDS

- AWS Certified Solutions Architect (Udemy)
- HashiCorp Certified: Terraform Associate (In Progress)
- Cisco Certified Network Associate (CCNA)
- Customer Delight Award – Successful POCs and client appreciation.
- Hero of the Cluster – Outstanding project performance.

EDUCATION

Diploma in Electronics and Communication Engineering (DECE)
Panimalar Polytechnic College, Chennai | 2014 – 2017
