

SESHIKANTH GUDURI

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SUMMARY

Senior DevOps Engineer with 15+ years building reliable, secure, scalable cloud platforms, GitOps and CI/CD systems. Expert in AWS, Kubernetes, Terraform, and GitLab/Jenkins, with a record of cutting deployment times up to 75% and achieving 99.99% uptime through automation, observability, and SRE practices. Strong collaborator and mentor with deep experience in incident management, RCA, and cross-functional delivery.

CORE SKILLS

- **Cloud:** AWS (EC2, S3, IAM, VPC, ELB/ALB, Auto Scaling, Lambda, CloudFormation), Azure.
- **IaC & Config:** Terraform, Ansible, Chef, CloudFormation.
- **Containers & Orchestration:** Docker, Podman, Kubernetes.
- **CI/CD & SCM:** GitLab CI, Jenkins, Bamboo, Bitbucket, Harness.
- **Observability & SRE:** Dynatrace, AppDynamics, New Relic, Prometheus, Grafana, Nagios, Zabbix; Incident Management, RCA, SLOs/SLIs.
- **Scripting & Automation:** Python, Bash/Shell, Ruby.
- **Security & Reliability:** Secrets management, least-privilege IAM, compliance-minded automation.

PROFESSIONAL EXPERIENCE

Early Warning Services LLC — Scottsdale, AZ

Senior DevOps Engineer | Mar 2022 – Present

DevOps Engineer II | Nov 2020 – Mar 2022

- Led enterprise migration from Bamboo to GitLab CI/CD across 16 AWS accounts, reducing deployment time by 75% and standardizing pipelines and approvals.
- Designed fault-tolerant AWS infrastructure with Terraform (modular IaC, workspaces, remote state), improving scalability and reducing manual configuration errors by 90%.
- Delivered 99.99% uptime for SaaS platforms by implementing proactive alerting in Dynatrace/AppDynamics and automating remediation/runbooks with PagerDuty and Python.
- Built observability dashboards and SLOs, reducing MTTD by 25% and improving incident triage and communications.
- Implemented secure blue/green and rolling deployments in Jenkins and GitLab CI with canaries and environment promotions.
- Drove incident response as on-call lead; performed RCA post-mortems and implemented preventive fixes across infrastructure and pipelines.
- Integrated quality gates, IaC policy checks, and secret scanning into pipelines for compliance and shift-left security.

Techwave Consulting Inc. — Houston, TX

Early Warning Services LLC — Scottsdale, AZ

Consultant | DevOps Engineer | May 2019 – Nov 2020

- Implemented GitLab CI/CD for Java-based microservices, reducing build failures by 20% via standardized templates, caching, and test parallelization.
- Managed WebLogic/Tomcat deployments and release orchestration; tuned JVM and thread pools to stabilize high-throughput services.
- Automated health checks with Python integrated to Zabbix for proactive detection and reduced manual intervention by 30%.

US Foods — Tempe, AZ

Consultant | DevOps Engineer | Apr 2016 – Apr 2019

- Built multi-tier WebLogic clusters for high-volume transactional workloads; hardened configurations and optimized JDBC/Thread tuning.
- Improved availability to 99.9% by optimizing F5 BIG-IP LTM load balancing, health checks, and failover strategies.
- Automated repeatable deployments and environment provisioning with Ansible/Terraform.

Lifelock Inc. | Omnitrac LLC | Wells Fargo Bank

Consultant | DevOps Engineer | Sept 2013 – Mar 2016

- Migrated legacy apps to AWS using EC2 Auto Scaling and ELB/ALB; implemented AMI bake pipelines and parameterized deployments.
- Wrote custom monitoring plugins in Ruby for Hyperic/Nagios to capture business and system metrics.
- Administered WebLogic, Tomcat, and Oracle SOA Suite across prod/stage, supporting rapid release cycles with Shell/Python automation.

Skolix LLC — Allen, TX

Wells Fargo Bank — San Francisco, CA

Consultant | WebLogic Administrator | DevOps Engineer | Feb 2013 – Aug 2013

- Managed deployments on WebLogic/Tomcat; automated infra provisioning with Ansible/Terraform to improve consistency by 80%.
- Secured Apache/Sun One web servers with SSL/TLS, aligned with enterprise standards.

Indigo Architects — Hyderabad, India

WebLogic Engineer | Feb 2010 – Aug 2011

- Administered Unix servers and automated build/deploy using Shell; performed patching and VM upgrades.
- Implemented Zabbix-integrated Python health checks to reduce manual operations.

CERTIFICATIONS

- CNCF Kubestronaut – CNCF 2026
- AWS Certified Solutions Architect – Professional — Amazon, 2026.
- AWS Certified Solutions Architect – Associate — Amazon, 2025.
- Certified Kubernetes Security Specialist (CKS) — CNCF, 2026.
- Certified Kubernetes Administrator (CKA) — CNCF, 2025.
- Certified Kubernetes Application Developer (CKAD) — CNCF, 2025.
- Certified Cloud Native Platform Associate (CNPA) — CNCF, 2025.
- Certified Kubernetes and Cloud Native Associate (KCNA) — CNCF, 2024.
- Certified Kubernetes and Cloud Native Security Associate (KCSA) — CNCF, 2024.
- Harness Certified Continuous Delivery & GitOps Architect — Harness, 2025.
- Harness Certified Continuous Integration Architect — Harness, 2025.
- HashiCorp Certified Terraform Associate — HashiCorp, 2025
- AWS Certified AI Practitioner (AIF) — Amazon, 2025.
- AppDynamics Verified Core APM.
- Dremio Verified AI Architect — 2025.

EDUCATION

- M.S., Southern Illinois University Carbondale.
- B. Tech, Jawaharlal Nehru Technological University (India).

SELECTED PROJECTS

Global Infrastructure Consolidation

- Migrated 200+ VMs to AWS using Terraform modules and CI/CD-driven provisioning, reducing infra costs by 30% and accelerating deployments.

Zero-Downtime CI/CD

- Implemented blue/green and canary releases using Jenkins, GitLab CI, and Chef/Ansible, maintaining 99.9%+ uptime during releases with automated rollback.

Infrastructure Modernization

- Drove legacy-to-cloud-native modernization with AWS, Terraform, and Kubernetes-ready patterns; reduced provisioning time by 75% with reusable modules and pipelines.

DevOps Culture Transformation

- Introduced standards for branching, code review, pipeline templates, and observability; mentored 10+ engineers to scale best practices and operational maturity.

ADDITIONAL DETAILS

Tools: Helm, Kustomize, AWS Systems Manager, Parameter Store/Secrets Manager, Artifactory/Nexus, SonarQube, Vault (exposure), Jira/Confluence.

Governance: GitOps patterns, environment promotion workflows, change management, audit-ready deployment logs.

Interests: Platform engineering, policy-as-code, scaling developer productivity.