



Anbukkarasi Priyanga S

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Summary:

A proactive Cloud & DevSecOps Lead with 13+ years of progressive IT experience. Possesses Mastery in architecting, automating, and securing scalable infrastructure on AWS and Kubernetes. Focused on Site Reliability Engineering (SRE) principles, driving operational excellence through end-to-end CI/CD, Infrastructure as Code (IaC), and advanced observability. I consistently deliver measurable improvements in uptime and operational efficiency.

Technical Skills:

Cloud & IaC : AWS, OpenStack, CloudFormation, Ansible

CI/CD & DevSecOps: Jenkins, Jira, GitLab, Fortify, Sonar, Sysdig, Black Duck

SRE & Observability: New Relic, Grafana, Kibana, CloudWatch

Container & Orchestration: Docker, Kubernetes, EKS, ECS, Helm

Scripting & OS: Shell, Python, Groovy (Jenkins Pipeline), YAML, JSON, LINUX (RedHat/Centos)

AIOps & GenAI: Anomaly Detection, Predictive Incident Management, Security Remediation Automation

Education:

B.Tech, Anna University, Sree Sastha Institute of Engineering & Technology

Certifications:

- Redhat certified Engineer [RHCE](#)
- Redhat certified administrator [RHCSA](#)
- Red Hat Certified System Administrator in Red Hat OpenStack [RHOA](#)
- AWS Solution architect associate [AWS-SAA C02](#)
- Kubernetes certified administrator [CKA](#)
- Site Reliability Engineering (SRE) Foundation **Certificate ID 23153791**

Employment Details:

Verizon

Role: Senior Engineer-SRE

Aug 2015 - Dec 2025

- **Cloud Transformation & Migration**: Spearheaded the end-to-end migration of legacy on-premise workloads to AWS, achieving 100% Infrastructure as Code (IaC) coverage via CloudFormation and Ansible to eliminate manual provisioning and reduce deployment lead times.
- **CI/CD & Pipeline Orchestration**: Engineered robust Jenkins-based CI/CD pipelines, automating build, test, and artifact delivery cycles to accelerate time-to-market while ensuring high-quality software releases.
- **Kubernetes Workload Optimization**: Optimized cluster reliability and cost-efficiency by configuring dynamic node pools and managing specialized workloads in the latest Kubernetes environments.
- **Container Security & Hardening**: Managed the full container lifecycle by creating hardened Docker images, enforcing strict tagging standards, and integrating security scanning to maintain a secure, compliant artifact repository.

- Automated Compliance: Designed an automated AMI rehydration process that patches and rotates server images every 60 days, ensuring all cloud infrastructure adheres to the latest security baselines and compliance mandates.
- AIOps & Observability: Architected a comprehensive monitoring strategy using New Relic (APM, Logs, Infra), resulting in a 90% reduction in MTTR through predictive alerting and proactive performance management.
- Log Analytics: Deployed a scalable EKS observability stack using Fluent Bit and Kibana, providing real-time log visualization and advanced troubleshooting capabilities for the dev teams.
- AI-Powered DevSecOps: Integrated advanced security tools (Sysdig, Black Duck) into CI/CD workflows, leveraging AI-driven remediation to automatically detect and patch Open-Source Software (OSS) vulnerabilities within container images and codebases.
- SDLC Governance: Directed cross-functional security standards and technical risk assessments, ensuring every stage of the Software Development Life Cycle (SDLC) met strict compliance and architectural requirements
- Innovation & Strategic POCs: Evaluated new technologies through small-scale "Proof of Concept" trials to prove they worked, which helped leadership make better architectural choices for major system upgrades.

Mphasis

Role: Linux System Admin

June 2014 – July 2015

- Provided 24*7 proactive monitoring and maintenance for a critical environment of Production and Development Linux/Solaris application servers.
- Managed incident/service requests using integrated ticketing tools ('Service Center' and 'Service Manager'), focusing on system recovery during failures and achieving high SLA compliance.
- Performed LVM management for dynamic volume expansion/reduction and executed kernel tuning for highly utilized application/database servers to enhance system performance.
- Authored shell scripts for log retention, rotation, and space management, automating routine operational tasks.

TEKsystems

Role: Linux System Analyst

Nov 2013 – June 2014

- Resolved all day-to-day L2/L3 incidents within SLA by monitoring the Service Now ticketing tool for a major telecom client (**KPN Data center**, Netherlands).
- Strengthened system security by implementing ACLs and special file permissions, and performing vulnerability fixes based on vendor releases.
- Optimized storage performance by managing LVM and cross-site file sharing protocols (NFS, FTP)

C-Tech RC Design

Role: - System & Network Admin

April 2012- Nov 2013

- Managed and maintained Production Linux & Windows servers for clients including Dubai Mall and Hong Kong Station
- Managed end-to-end webserver deployments and executed Backup & restoring