

SRIVARDHAN REDDY KOLAN

Senior DevOps Engineer | AWS | Kubernetes | Platform Engineering

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PROFESSIONAL SUMMARY

Senior DevOps Engineer with experience across cloud infrastructure, Kubernetes, CI/CD automation, Linux administration, and production operations. Hands-on experience with AWS/EKS, Terraform/Terragrunt, protected deployment workflows, observability, incident response, and root cause analysis. Focused on dependable platforms, repeatable infrastructure, and safer releases.

TECHNICAL SKILLS

Cloud: AWS: EC2, EKS, S3, RDS, ALB/ELB, Route 53, IAM, CloudWatch, Auto Scaling, Lambda, SES

Containers: Kubernetes, Docker, Helm, NGINX Ingress; workload scaling and troubleshooting

Infrastructure & Automation: Terraform, Terragrunt, Ansible, CloudFormation, Bash, Python

CI/CD & GitOps: GitLab CI, Jenkins, Argo CD, GitHub Actions, Git; release and approval workflows

Observability & Operations: Prometheus, Grafana, CloudWatch, Linux, RCA, ITIL, Jira, Confluence

Systems & Networking: RHEL, CentOS, Ubuntu, TCP/IP, DNS, DHCP, load balancing, firewalls

PROFESSIONAL EXPERIENCE

Nemetschek Group - Bluebeam

Technical Analyst - DevOps | 2025 - Present | Hyderabad, India

- Support AWS platform infrastructure for Bluebeam products, including EKS/Kubernetes workloads, networking, IAM, monitoring, and production operations.
- Designed and validated GitLab Protected Environment approval controls, including parent trigger-job behavior before downstream Terraform pipelines execute.
- Built and maintained Terraform/Terragrunt workflows for AWS changes: VPC/subnet planning, environment configuration, reusable modules, and local plan/apply validation.
- Investigated Redis degradation, memory-driven pod evictions, HPA/request mismatches, and NodeNotReady events linked to EC2 hardware issues.
- Implemented and validated AWS SES in the Canada region: domain identity, DKIM, custom MAIL FROM, DNS verification, delivery tests, and dedicated IP warm-up tracking.
- Improved operational readiness through Prometheus, Grafana, and CloudWatch dashboards/alerts; documented RCA findings and deployment controls for engineering review.
- Evaluated OpenCost with VictoriaMetrics for Kubernetes cost visibility and comparison with existing SaaS cost tooling; collaborated on production readiness and change reviews.

PROFESSIONAL EXPERIENCE - CONTINUED

MKS Vision Pvt Ltd.

Senior DevOps Engineer | 2024 - 2025 | Hyderabad, India

- Led migration work for business applications moving from on-premises infrastructure to AWS, with a focus on scalability and operational efficiency.
- Designed and managed microservices CI/CD pipelines and implemented Kubernetes configurations for production workloads using AWS, Terraform, Jenkins, and Argo CD.
- Established monitoring standards with Prometheus and Grafana; conducted root cause analysis for production incidents and implemented follow-up fixes.

AVYA IT Pvt Ltd.

DevOps Engineer | 2018 - 2024 | Hyderabad, India

- Contributed to on-premises-to-AWS migrations, including infrastructure design, deployment planning, and operational handover.
- Developed Jenkins CI/CD pipelines for monolithic and microservice applications; managed Docker and Kubernetes across development, testing, and production.
- Automated Linux provisioning and deployments with Ansible, Bash, and Python. Implemented Prometheus/Grafana monitoring and supported incidents, changes, and releases.

CDK Global

Sr. Process Associate | 2017 - 2018 | Hyderabad, India

- Administered Red Hat Linux servers: builds, patching, user management, LVM, cron, service checks, and network troubleshooting.
- Provided 24/7 production support, incident response, and operational documentation for critical environments.

Tech Mahindra Ltd. | Pune, India

Linux L2 Production Support Engineer | 2013 - 2015

- Provided L2 application support in an ITIL environment, handling incidents, changes, Linux deployments, basic shell scripting, and operational documentation.

CERTIFICATIONS

AWS Certified Solutions Architect - Associate (active)

Certified Kubernetes Administrator (CKA) (active)

Red Hat Certified Engineer (RHCE v7) - previously earned, expired

EDUCATION

Bachelor's in Computer Science and Mathematics | Osmania University, Hyderabad

PERSONAL PROJECTS & CONTINUOUS LEARNING

Maintain a Proxmox home lab for Kubernetes, Docker, self-hosted automation, local LLM experiments, and monitoring. Explore GitOps, Helm troubleshooting, observability, and practical AI infrastructure workflows.