

SRIVARDHAN REDDY KOLAN

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- AWS Certified Solutions Architect – Associate
- Certified Kubernetes Administrator (CKA)
- Red Hat Certified Engineer (RHCE)



PROFESSIONAL SUMMARY

Results-oriented Senior DevOps Engineer with 10+ years in IT, including 6+ years dedicated to automating and optimizing infrastructure and deployment pipelines. Proven expertise in AWS cloud environments, Kubernetes (CKA certified), Docker, Terraform, Ansible, and CI/CD practices (Jenkins, ArgoCD). Adept at enhancing system reliability, scalability, and cost-efficiency through robust Infrastructure as Code, proactive monitoring (Prometheus, Grafana), and streamlined incident/change management. Seeking to leverage extensive technical skills to drive innovation and operational excellence in a challenging DevOps role.

TECHNICAL SKILLS

- **Cloud Platforms:** AWS (EC2, S3, RDS, ELB, Route53, IAM, CloudWatch, CloudFormation, EBS, Auto Scaling, Lambda, EKS)
- **Containerization & Orchestration:** Kubernetes (CKA), Docker, Helm
- **Infrastructure as Code (IaC):** Terraform, Ansible, AWS CloudFormation
- **CI/CD:** Jenkins, ArgoCD, Git, GitLab CI/GitHub Actions
- **Monitoring & Observability:** Prometheus, Grafana, AWS CloudWatch
- **Operating Systems:** Linux (Red Hat, CentOS, Ubuntu), Windows Server
- **Scripting & Automation:** Bash Shell Scripting, Python
- **Version Control:** Git
- **Issue Tracking:** Jira (Configuration, Workflow Management)
- **Networking:** TCP/IP, DNS, DHCP, Load Balancing, Security Groups/Firewalls
- **Databases:** MySQL, RDS
- **Web Servers:** Apache, Nginx

PROFESSIONAL EXPERIENCE

MKS Vision Pvt Ltd. | Hyderabad, India

Sr. DevOps Engineer | Feb 2024 – Present

- Led migration of applications across DEV/TEST/QA/PROD from on-premise data centers to AWS, enhancing scalability and operational efficiency.
- Designed, implemented, and manage automated CI/CD pipelines using Jenkins, Docker, and Kubernetes significantly reducing manual deployment efforts.
- Manage and optimize AWS infrastructure (EC2, S3, RDS, ELB, etc.) using Terraform, focusing on cost-effectiveness, security (IAM, Security Groups), and high availability.
- Deploy, configure, and maintain containerized applications on Kubernetes clusters, managing resources, scaling, and service discovery (Nodes, Pods, Services, ConfigMaps).
- Established and maintained robust monitoring and alerting systems using Prometheus and Grafana, providing real-time performance insights and enabling proactive incident response.
- Automate routine infrastructure tasks and build/release processes using Bash and Python scripting.
- Conduct Root Cause Analysis (RCA) for production incidents and implement preventative measures. Documented architecture, configurations, and processes for knowledge sharing.

AVYA IT SERVICES | Hyderabad, India
DevOps Engineer | Jul 2018 – Feb 2024

- Played a key role in migrating customer applications from on-premise data centers to AWS cloud infrastructure.
- Designed and implemented CI/CD pipelines using Jenkins, automating build, test, and deployment processes, improving workflow efficiency for continuous delivery.
- Managed containerized environments using Docker (Engine, Hub, Compose) and Kubernetes for consistent application deployment, scaling, and load balancing across environments.
- Utilized Ansible for configuration management and automation of server provisioning and application deployment tasks, ensuring consistency across environments.
- Implemented and managed monitoring solutions (Prometheus, Grafana) for real-time system and application performance tracking, ensuring SLA compliance.
- Managed Git repositories and branching strategies, integrating with Jenkins for automated builds and testing.
- Troubleshooting build, deployment, and infrastructure issues, collaborating with development teams for quick resolution on issues.

CDK GLOBAL | Hyderabad, India
Sr Process Associate / Linux Administrator | May 2017 – Jul 2018

- Administered and maintained Red Hat Linux server environments, performing system builds, package management, user management, LVM configuration, and troubleshooting.
- Automated routine system tasks using Bash shell scripting and cron jobs, improving operational efficiency.
- Provided 24/7 on-call support for critical production systems, ensuring high availability and resolving incidents related to OS, networking, and applications.
- Managed server patching, updates, and security hardening to maintain infrastructure integrity.

TECH MAHINDRA LTD. | Pune, India
Jr Software Engineer (Application Support) | Aug 2013 – Oct 2015

- Provided L2 application support for enterprise systems within an ITIL framework, managing incidents, changes, and problems.
- Participated in application deployments and performed basic troubleshooting on Linux servers. Developed simple scripts for monitoring and alerting.
- Created and maintained operational documentation, runbooks, and SOPs.

EDUCATION

Bachelors in Computer Science and Mathematics | Osmania University, Hyderabad

ADDITIONAL INFORMATION

- **Personal Projects:** Actively maintaining a home lab environment, exploring automations with opensource tools like Home Assistant, ESP Home, Proxmox, Docker containers, and local LLM implementation.
- **Languages:** English (Native), French (Intermediate)