MOHANKRISHNA PODILE

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High-Impact Technological Expert, with over 13 years of rich experience managing AWS Cloud Computing, DevOps, SRE, Azure, Docker & Microservices

SUMMARY

Dynamic Senior Software Development Lead with 13+ years in SRE and multi-cloud environments, leveraging Kubernetes cluster provisioning and maintenance, CI/CD pipeline integration, and Infrastructure as Code (IaC) to improve platform reliability by 30%. Skilled in troubleshooting, root cause analysis, and disaster recovery, ensuring strong security compliance and scalability. Proficient in observability tools for optimized system performance and faster incident response. Proven track record leading cross-functional engineering teams across Fortune 500 client engagements, mentoring DevOps engineers, and driving platform modernization initiatives that reduce operational costs while improving deployment velocity. Adept at translating business requirements into resilient cloud architectures, establishing SRE best practices, and fostering a culture of automation and continuous improvement.

SKILLS

Cloud Platforms: AWS (EC2, S3, EBS, VPC, ELB, RDS, Route 53, IAM, Auto Scaling, CloudWatch, EKS), Azure (AKS, Azure DevOps, ARM Templates), GCP, Kubernetes Rancher, RKE1/RKE2

DevOps Tools: Jenkins, TeamCity, Ansible, Terraform, Docker, Nerdctl, Kubernetes (K8s), OpenShift, Istio, Helm, Rancher, GitHub, GitLab, Bitbucket, Maven, Nexus, JFrog, Kubectl, AWS CLI, Azure CLI

SRE Tools: PagerDuty, Opsgenie, Grafana, Prometheus, Elastic Stack, Splunk, Kubernetes (K8s), Terraform

Programming & Scripting: Python, UNIX Shell Scripting, Bash

Monitoring, Logging & Security: Prometheus, Grafana, Dynatrace, Elastic, Splunk, Nagios, DataDog, New Relic, SonarQube, Fortify Scan, BlackDuck, DAST (ZAP)

Databases: PostgreSQL, MySQL, Redis, Kafka, Solr

AI & MLOps: GenAI-assisted DevOps workflows, LLM APIs, Python ML libraries, Kubernetes for ML workloads (GPU scheduling, model serving patterns), Kubeflow & MLflow concepts

Other Tools: Apache, Tomcat, Nginx/Ingress Controllers, Istio, Calico/CNI, Network Policies, Linux (Debian, Ubuntu, Amazon Linux 2), RHEL 7/8/9, ServiceNow, Jira, Confluence, Git

Soft Skills: Excellent Communication, Problem-Solving, Project Management, Leadership, Team Collaboration, Critical Thinking, Adaptability

Cloud Cost & FinOps: AWS Cost Explorer, Kubecost, Resource Tagging Strategies, Right-Sizing, Reserved & Spot Instance Planning

Security & Compliance: RBAC, Network Policies, Secrets Management (Vault, Sealed Secrets), Image Scanning (Trivy, Grype), CIS Benchmarks, SOC 2 Awareness

WORK EXPERIENCE

Senior Software Development Lead — Brillio LLC

Apr 2025 – Present | Irving, Texas, USA

- Led the design and implementation of Kubernetes clusters for scalability, resilience, and security, resulting in a 25% improvement in application deployment time and increased reliability.
- Managed infrastructure using Infrastructure as Code (IaC) practices with Terraform and Ansible, enhancing automation and reducing manual configuration errors by 20%.
- Developed and integrated CI/CD pipelines using GitLab and Terraform, achieving a 30% reduction in deployment cycles and ensuring continuous delivery.
- Implemented and monitored observability tools like Splunk and Dynatrace to improve cluster health insights and facilitate rapid response to performance issues, aligning with SRE practices.
- Client engagements through Brillio include the Verizon DNM program (platform transformation).

DevOps Technical Lead (Contractor) — Centene Corporation

Apr 2024 – Present | Remote, USA

- Embedded SRE practices into the disaster-recovery plan for the EMBARK program, improving incident detection and resolution by 25%.
- Managed OpenShift clusters and streamlined deployments with ArgoCD across Prometheus, Grafana, Dynatrace, Elastic, Splunk, and Istio observability stacks.

Senior Software Engineer (Sr. DevOps Engineer) — Brillio Technologies Pvt Ltd

Sep 2019 – Apr 2023 | Hyderabad, India

- Kubernetes deployment, scaling, and management for Ciena's Blue Planet division.
- AWS Cloud platform implementation.
- Docker image processing.
- Repository management, branching, and build/release strategies.
- Automation with Terraform and Team City.
- Istio implementation for microservices.
- Bug ticketing, sprint planning, report pulling, storyboarding.

Software Engineer — Sinitron Technologies

Jun 2013 – Sep 2019 | Hyderabad, India

- L1 support for Linux servers.
- Client problem resolution and coordination with DBA team.
- Log monitoring and upgrade-related tasks.
- On-call support and 24/7 availability.
- RedHat Linux installation and configuration.
- Software management using YUM, RPM, DNF.
- Scheduled jobs with crontab.

EDUCATION

Bachelor of Technology (B.Tech.) in Computer Science and Engineering — First Class
Jawaharlal Nehru Technological University, Kakinada (JNTUK), Chirala, India — Aug 2006 – Jul 2010

PROJECTS

EMBARK Redesign-DR and L1 Support: Centene Corporation — Application Development Engineer 2 (SRE Engineer)

Apr 2024 – Present | Irving, Texas, USA

- Collaborated with the infrastructure team to integrate Site Reliability Engineering (SRE) practices into the Disaster Recovery (DR) plan for the EMBARK project at Centene Corporation, enhancing system resilience and performance reliability.
- Managed and optimized OpenShift clusters and streamlined deployment workflows using ArgoCD, ensuring scalability, security compliance, and operational efficiency.
- Developed and maintained comprehensive monitoring and logging solutions using Prometheus, Grafana, Dynatrace, Elastic, Splunk, and Istio, resulting in a 25% improvement in incident detection and resolution.

DNM Transformation — UX & Platform Enhancements — Platform Engineer

Apr 2023 – Apr 2024 | Irving, USA

- Managed and optimized CI/CD pipeline and observability tool configurations, leading to a 20% improvement in deployment efficiency and reduced system downtimes.
- Executed strategic architectural changes and set up environments to ensure seamless platform scalability and reliability for increased application demands.
- Automated rehydrations and system configurations, resulting in a 15% decrease in manual intervention time and streamlined operational processes.
- Implemented and maintained vulnerability patches and certificates for load balancers, applications, and servers, ensuring security compliance and uninterrupted system operations.

Blue Planet Migration: Ciena — DevOps Engineer

Sep 2019 – Apr 2023 | Hyderabad, India

- Deployed Kubernetes clusters with a focus on scalability and security, resulting in a 30% improvement in operational efficiency through optimized resource management and performance enhancement.
- Implemented AWS cloud infrastructure solutions, integrating EC2, S3, and EKS with Kubernetes, improving system reliability and availability by 25%.
- Automated continuous integration and deployment pipelines using Terraform and TeamCity, slashing deployment time by 40% and ensuring consistent releases across environments.
- Integrated Istio to enhance microservices communication and security, achieving reduced network latency and improved data protection through secure service mesh configuration.

Westfield Insurance — DevOps and AWS Engineer

Sep 2017 – Sep 2019 | Hyderabad, India

- Led initiatives to enhance platform infrastructure performance by implementing SRE practices and observability tools, resulting in a 15% reduction in system downtime.
- Collaborated with cross-functional teams to integrate AWS solutions uniquely tailored to customer needs, optimizing resource allocation and operational efficiency.
- Developed complex shell scripts to automate monitoring and deployment processes, significantly improving service delivery speed and reducing manual errors.
- Configured and administered Kubernetes clusters to support automated CI/CD pipelines, ensuring seamless application deployment and robust system reliability.

Ever Cars — DevOps Engineer

Sep 2014 – Sep 2017 | Hyderabad, India

- Executed daily build and release management activities to ensure continuous integration and delivery of software updates.
- Configured Jenkins and Maven for automated builds, resulting in a 30% decrease in build time and improved project deployment efficiency.
- Collaborated with developers to resolve conflicts swiftly, fostering a smoother development and integration process.
- Monitored build results and conducted troubleshooting, leading to a 20% reduction in deployment errors and enhanced system reliability.

DLG Insurance — Linux Administrator

Jun 2013 – Sep 2014 | Hyderabad, India

- Enhanced server reliability and performance by effectively managing Linux server administration tasks, ensuring minimal disruptions and achieving a 20% reduction in downtime.
- Implemented automated tasks via crontab, significantly boosting system efficiency and contributing to improved resource allocation.
- Streamlined server operations by optimizing software installations using YUM, RPM, and DNF, leading to a 15% improvement in server uptime.
- Championed the adoption of automation processes, which increased administrative efficiency by 25%, enhancing overall platform performance and reliability.

CERTIFICATIONS

Verify all credentials at credly.com/users/mohankrishna-podile

- Kyverno Certified Associate (KCA) — The Linux Foundation
- OpenTelemetry Certified Associate (OTCA) — The Linux Foundation
- Certified GitOps Associate (CGOA) — The Linux Foundation
- Certified Argo Project Associate (CAPA) — The Linux Foundation
- Certified Backstage Associate (CBA) — The Linux Foundation
- Golden Kubestronaut — The Linux Foundation
- Cilium Certified Associate (CCA) — The Linux Foundation
- Prometheus Certified Associate (PCA) — The Linux Foundation
- Istio Certified Associate (ICA) — The Linux Foundation
- Linux Foundation Certified Systems Administrator (LFCS) — The Linux Foundation
- Certified Kubernetes Administrator (CKA) — The Linux Foundation
- Certified Kubernetes Application Developer (CKAD) — The Linux Foundation
- Certified Kubernetes Security Specialist (CKS) — The Linux Foundation
- AWS Solutions Architect Professional — Amazon Web Services
- AWS Solutions Architect Associate — Amazon Web Services

PUBLICATIONS

20 technical articles on DevOps, Kubernetes, Linux, and Python, published on mohankrishnapodile.com/blog — including the series *GitLab CI/CD From Zero to Pipeline Architect* (4 parts), *Ansible Automation* (5 parts), and *Introduction to Linux*.

AWARDS

- Conferred with Value Champion, Brillio of the Month and Brillio of the Quarter multiple times for showcasing excellence.
- Best Employee of the Month — for outstanding performance and dedication to exceeding company goals.
- Best Employee of the Quarter — for consistent excellence in delivering exceptional results.