




# MOHANKRISHNA PODILE

High-Impact Technological Expert, with over 11 years of rich experience in managing AWS-Cloud Computing, DevOps, SRE, Azure, Docker & Microservices

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## SUMMARY

Dynamic Software Development Lead with 11+ years in SRE and multi-cloud environments, leveraging Kubernetes clusters provisioning and maintaining, CI/CD pipelines 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.

## 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, RKE1/2
- DevOps Tools :** Jenkins, TeamCity, Ansible, Terraform, Docker, Nerdctl, Kubernetes (K8s), OpenShift, Istio, Helm, Rancher, GitHub, GitLab, Bitbucket, Maven, Nexus, JFrog, Kubectrl, AWS CLI, Azure CLI, Terraform 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
- Other Tools :** Apache, Tomcat, VirtualBox, Vagrant, ForgeRock, Nginx/Ingress Controllers, Istio, Calico/CNI, Network Policies, Linux (Debian, Ubuntu, Amazon Linux 2), RHEL 7/8/9, Windows XP/7/10, ServiceNow, Jira, Confluence, Git, Gitab
- Soft Skills :** Excellent Communication, Problem-Solving, Project Management, Leadership, Team Collaboration, Critical Thinking, Adaptability

## WORK EXPERIENCE

Brillio LLC  
Irving, USA  
*Apr 2023 - Present*

### Software Development Lead

- 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.

Brillio Technologies  
Hyderabad, India  
*Sep 2019 - Apr 2023*

### Senior Software Engineer (Sr. DevOps Engineer)

- Kubernetes deployment, scaling, and management.
- 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.

Sinitron Technologies  
Hyderabad, India  
*Jun 2013 - Sep 2019*

### Software Engineer

- 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

Chirala, India  
Aug 2006 - Jul 2010  
Grade: First Class

Bachelor of Technology (B.Tech.) in Computer Science and Engineering

PROJECTS

Irving,Texas, USA  
Apr 2024 - Present

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

- 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.

Irving, USA  
Apr 2023 - Apr 2024

DNM Transformation–UX & Platform Enhancements, Platform Engineer

- 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.

Hyderabad, India  
Sep 2019 - Apr 2023

Blue Planet Migration: Ciena, DevOps Engineer

- 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.

Hyderabad, India  
Sep 2017 - Sep 2019

Westfield Insurance, DevOps and AWS Engineer

- 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.

Hyderabad, India  
Sep 2014 - Sep 2017

Ever Cars, DevOps Engineer

- 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.

Hyderabad, India  
Jun 2013 - Sep 2014

DLG Insurance, Linux Administrator

- 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%,

CERTIFICATIONS

<a href="https://www.credly.com/users/podile-mohankrishna">https://www.credly.com/users/podile-mohankrishna</a> Dec 2019	<b>AWS Solution Architect, Associate by AWS</b>
<a href="https://www.credly.com/users/mohankrishna-podile">https://www.credly.com/users/mohankrishna-podile</a> Feb 2025	<b>Certified K8s Security Specialist (CKS) by The Linux Foundation</b>
<a href="https://www.credly.com/users/podile-mohankrishna">https://www.credly.com/users/podile-mohankrishna</a> Nov 2022	<b>AWS Solution Architect Professional by AWS</b>
<a href="https://www.credly.com/users/mohankrishna-podile">https://www.credly.com/users/mohankrishna-podile</a> Dec 2024	<b>Certified Kubernetes Administrator (CKA) by The Linux Foundation</b>
<a href="https://www.credly.com/users/mohankrishna-podile">https://www.credly.com/users/mohankrishna-podile</a> Dec 2024	<b>Kubernetes and Cloud Native Associate (KCNA) by The Linux Foundation</b>
<a href="https://www.credly.com/users/mohankrishna-podile">https://www.credly.com/users/mohankrishna-podile</a> Jan 2025	<b>Kubernetes and Cloud Native Security Associate (KCSA) by The Linux Foundation</b>
<a href="https://www.credly.com/users/mohankrishna-podile">https://www.credly.com/users/mohankrishna-podile</a> Feb 2025	<b>Certified Kubernetes Application Developer (CKAD) by The Linux Foundation</b>
<a href="https://www.credly.com/badges/3f5c3e84-4b38-450d-8764-5b6a42cb734b">https://www.credly.com/badges/3f5c3e84-4b38-450d-8764-5b6a42cb734b</a> Feb 2025	<b>Kubestronaut by The Linux Foundation</b>

PUBLICATIONS

<a href="https://medium.com/@mohankrishna3516/ansible-automation-3e6ae3f4c2db">https://medium.com/@mohankrishna3516/ansible-automation-3e6ae3f4c2db</a>	<b>Ansible Automation by Mohankrishna Podile</b> The article explores Ansible as a powerful IT automation tool, highlighting its role in streamlining workflows and boosting productivity. It provides step-by-step guidance on implementing Ansible in various operational scenarios.
<a href="https://medium.com/@mohankrishna3516/python-f36ebc466bd3">https://medium.com/@mohankrishna3516/python-f36ebc466bd3</a>	<b>Python Basics by Mohankrishna Podile</b> The article "Python Basics" is an introductory guide for beginners, simplifying Python fundamentals with clear explanations and examples. It offers a structured learning path for building a strong coding foundation at your own pace.
<a href="https://medium.com/@mohankrishna3516/kubernetes-architecture-and-its-components-f4afc9144b71">https://medium.com/@mohankrishna3516/kubernetes-architecture-and-its-components-f4afc9144b71</a>	<b>Kubernetes Architecture and its Components by Mohankrishna Podile</b> Authored 'Kubernetes Architecture and its Components,' a comprehensive piece available on Medium, providing an in-depth analysis of Kubernetes' structural design and examining the functionality of its essential components.

AWARDS

- Conferred with Value Champion, Brillion of the Month and Brillion of the Quarter Employee multiple times for showcasing excellence.
- Best Employee of the Month: Received the prestigious "Best Employee of the Month" award for outstanding performance and dedication to exceeding company goals.
- Best Employee of the Quarter: Recognized as the "Best Employee of the Quarter" demonstrating consistent excellence in delivering exceptional results and contributing to team success.