

KRISHNA KISHORE REDDY

SENIOR DEVOPS ENGINEER

✉ krishnakishore@inarm.in ☎ +91 9493612730 📍 Bengaluru, INDIA 🔗 krishnakishore.in

🌐 linkedin.com/in/krishna-kishore--reddy

PROFESSIONAL SUMMARY

Senior DevOps Engineer with 6 years of experience in production support, troubleshooting, and CI/CD automation. Proficient in Kubernetes, Docker, Terraform, and cloud platforms (AWS, Azure, GCP). Skilled in debugging complex deployment issues, customer onboarding, and automating support workflows using Python, Ansible, and Slack/JSON integrations. Strong expertise in monitoring and observability (Prometheus, Grafana, OpenTelemetry, Tableau) with a focus on customer success and reliability at scale.

EDUCATION

Graduation K.S.RM College of with First Grade Engineering, Kadapa,
Graduted in Computer Science and Engineering

PROFESSIONAL EXPERIENCE

Trintech India pvt ltd., Senior Devops Engineer 01/2025 – Present

- Streamlined **OpenShift** cluster **provisioning by automating** the deployment of core components (SSO, Cert Manager, Prometheus, Grafana) through Ansible, Azure Pipelines, and Shell scripts, **achieving a 99% reduction in deployment time**—from 1 week to 45 minutes
- Developed an **internal Certificate Manager**, eliminating the need for external certificates for internal use, resulting in cost savings for the organization. [Github](#) 🔗
- **Eliminated** Azure **DevOps** pipeline bottlenecks by implementing **traffic-based auto-scaling** for Windows and Linux build agents, **drastically reducing** queued **jobs** and improving deployment velocity.
- **Rolled out** multi-layered **security scanning** infrastructure using **CrowdStrike Falcon** and **Trivy across** all OpenShift clusters and VMs, **maintaining** continuous compliance monitoring and **vulnerability detection**.
- **Established secure container** image workflow using **Skopeo** to mirror images from **public registries** to internal **registries**, **eliminating** direct **external registry** access and **reducing** security **vulnerabilities**.
- Built a Linux-based **DNS** with **DDNS** automation, reducing manual record update. [GitHub](#) 🔗
- **Deployed an end-to-end monitoring** stack with **Prometheus**, **Grafana**, **ArgoCD** reducing MTTR through proactive alerting.
- **Developed a Python** API-based web application to automate task management. When users submit details, tasks are automatically assigned to **DevOps engineers in Azure DevOps (ADO)**, enabling streamlined tracking and improved efficiency.
- **Mentored and trained junior team members**, providing guidance and **support** whenever they encountered challenges.
- Collaborated with the **development team** to deploy **applications** and actively encouraged the **transition** to **microservices** architecture for improved **scalability** and maintainability.
- Designed and maintained an end-to-end **blackbox monitoring** application, leveraging **ADO pipelines**, **SonarQube**, **Trivy**, **Docker**, **Kubernetes**, and **ArgoCD** for seamless CI/CD and deployment.
- Created a **one-stop automation solution** for **OpenShift** cluster **upgrades**, enabling version **updates** through a **single execution** and eliminating manual intervention.

- **Developed** a **one-click** Azure Pipeline solution for **deploying** production-ready 3-node **NFS clusters** with **Pacemaker** and DRBD high availability, fully automating server creation and configuration.
- **Eliminated** server **reboot requirements** for critical patches by deploying **TuxCare live patching**, maintaining continuous **uptime** while ensuring security compliance.

Salesforce India Pvt LTD, Infrastructure Engineer24/04/2023 – 31/12/2024

- **Automated Linux** VM **deployment** process through a custom **pipeline** that provisions servers on-demand and integrates them with domain **authentication**, eliminating manual setup delays for support teams leveraging the **Terraform** and **Ansible**.
- **Enabled** faster **bug resolution** and enhanced customer satisfaction by helping technical support teams **reproduce** issues in Docker and **Kubernetes** environments for efficient troubleshooting.
- **Proficient** in **deploying, scaling**, and managing containerized applications using Kubernetes, optimizing performance and resource utilization.
- **Skilled** in configuring and **troubleshooting** SAML authentication issues with **Okta** and **Azure**, ensuring seamless integration and security.
- **Executed** a container-based infrastructure, reducing infrastructure costs by **30%** through optimized resource allocation.
- Automated the deployment process for a major **Tableau** application, reducing deployment time from 3 hours to 30 minutes.
- **In-depth** expertise in **SSL configurations**, including **certificate validation**, chain file creation, and **troubleshooting** SSL-related issues on **both** cloud and on-premises environments, providing detailed **RCA** and log **analysis**.
- Deployed a **logging** and **monitoring solution**, enabling early **detection** and **proactive** resolution of system issues.
- **Strong experience** with cloud platforms, including **AWS EC2, S3, VPC, Route 53, and CloudFront**, ensuring scalable, secure, and highly available solutions.
- **Proficient** in writing **Bash scripts** to automate routine tasks, improving efficiency and reducing manual intervention.
- **Developed** system **capacity management** strategy, ensuring optimal resource utilization and scalability.
- Experienced in **troubleshooting proxies** and **load balancers**, ensuring smooth **traffic distribution** and system reliability.

Tech Mahindra, Marlabs, Software Engineer10/05/2022 – 20/04/2023 | Bengaluru

Marlabs, Software Engineer05/2021 – 04/2022 | Bengaluru

SKILLS AND EXPERTISE		
• Linux	• Shell Scripting	• Vault
• Terraform	• Kubernetes	• OpenShift
• AWS	• SAML	• GitHub
• Tableau	• Python	• Ansible
• OKTA	• Docker	• Networking
• Prometheus	• Grafana	• GIT
• Azure Pipelines OIDC/Oauth 2.0	• Argo CD	
KEY ACHIEVEMENTS		
Red hat Certified Specialist in OpenShift Administration		

Built a self-hosted media server using Jellyfin, Tailscale, K3s, and Cloudflare, creating an end-to-end streaming solution with secure remote access.

Created 10+ engineers by my own sharing my knowledge in Infrastructure and DevOps Practices.

KRISHNA KISHORE REDDY

Aspiring Soldier