

Sunath Khadikar

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DEVOPS ENGINEER

DevOps / Platform Engineer with 3.5+ years of hands-on experience in CI/CD automation, Docker, Kubernetes platforms, and enterprise Linux environments. Experienced in building reliable deployment pipelines, automating infrastructure workflows, and supporting production systems at scale. Brings a software engineering mindset to DevOps, with growing interest in AI-driven automation and next-generation platform tooling.

PROFESSIONAL EXPERIENCE

Ericsson R&D, Gurugram

June 2022 - Present

DevOps Engineer – Platform Team (Product Development Unit)

- Owned platform automation and evolved CI/CD pipelines using Python, Shell, Jenkins, Ansible, reducing manual installation, upgrade, and verification effort by 40–50% across BM/VM-based and Kubernetes-based deployments.
- Designed end-to-end Kubernetes deployment automation (install, upgrade, rollback, fallback) integrated into Jenkins pipelines, enabling sprint-wise package verification and cutting functional test validation time significantly across multiple teams.
- Built and maintained container platform workflows using Docker, Kubernetes, and Red Hat OpenShift, implementing health checks, probes, secrets management, and secure container practices while supporting both containerized and non-containerized product variants.
- Led platform lifecycle management (LCM) across releases, delivering RHEL upgrades (8.6 → 8.10), errata automation, TZData updates, CIS-CAT security hardening, container base OS (CBO) image LCMs, and HPE SPP firmware updates.
- Implemented product-level security and networking changes, including SSL certificate automation, OAuth2-based Single Sign-On (SSO) enablement, Source NAT removal, penetration-test fixes, and gRPC certificate management for secure inter-service communication.
- Designed and migrated monitoring and alarm systems using SNMP, Telegraf, rsyslog, and custom alarm definitions, supporting system, backup, resource, and time-sync monitoring across VM and container platforms.
- Acted as an automation and platform owner, resolving critical customer escalations and troubleshooting reports, fixing production defects in backup, alarms, and deployment logic, and improving platform stability and reliability.
- Worked across infrastructure and virtualization layers, gaining hands-on experience with Linux networking, QEMU/KVM virtualization, OpenStack/RHOSO, and Kafka-based platform integrations, contributing to architectural transitions and modernization efforts.

Persistent Systems, Pune

December 2020 - November 2021

Software Development Engineer

- Developed and enhanced Salesforce features using Apex (Classes & Triggers) and Lightning Web Components (LWC), delivering sprint-based user stories for BFSI business workflows.
- Implemented platform events, outbound messages, and Process Builder-driven automations to support event-driven integrations and operational efficiency, Collaborated in Agile sprints to deliver change requests.

EDUCATION

Master of Technology

2021 - 2023

Indian Institute of Information Technology, Jabalpur
Computer Science (Specialization in AI / ML)

Bachelor of Technology

2016 - 2020

Bharati Vidyapeeth College of Engineering
Information Technology

KEY SKILLS

- CI/CD & Deployment: Jenkins, Terraform, Tekton, Ansible, Harness
- Containers & Orchestration: Docker, Kubernetes, OpenShift, Helm
- Monitoring & Logging: Grafana, Prometheus
- Version Control: Git, Bitbucket, branching/merging workflows
- OS & Infra: Linux (RHEL, Ubuntu), Shell scripting, VM & bare-metal setups
- AI/GenAI : ML, DL concepts - well adapted to LLMs
- DB : SQL, NoSQL, MongoDB

PROJECTS

Springboot App CI/CD Pipeline

Built an end-to-end CI/CD pipeline for a Spring Boot application with GitHub webhooks, Jenkins automation, SonarQube quality gates, Trivy security scanning, Docker image versioning, and Kubernetes deployments.

Kubernetes Python Platform Project

Designed and implemented a production-grade Kubernetes platform using a containerized Python application backed by PostgreSQL.

Demo2Wiki Generator

Developed a multi-modal AI pipeline (“Vibranium Wiki”) using Whisper, BART, and OpenCV to automatically transform video recordings into summarized, wiki-style documentation.

SecuShield - Agentic AI Vulnerability System

Developed an intelligent vulnerability management system that automates RedHat security advisory analysis using LLM-enhanced RPM matching, multi-agent architecture, and contextual risk assessment to prioritize critical patches for enterprise Linux environments.