

Prakyath Reddy

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SUMMARY

- 5+ years of experience as a Software Engineer. Strong expertise in Linux & Kubernetes. Built end-to-end apps from conception of idea to backend, frontend and deployment for public access.
- Certified Kubernetes Administrator (CKA)
- Managed complex large-scale IT infrastructure with a focus on continuous Automation and Monitoring

PROFESSIONAL EXPERIENCE

RingCentral

Nov 2025 - Present

DevSecOps Engineer

The all-in-one AI communications platform. Unifies business phone systems, messaging, video conferencing, and contact center solutions into a single application. Reason for leaving: <>

- Secured IT infrastructure using Crowdstrike, SteamSec, Splunk and Imperva
- Managed configuration through Ansible

Oracle

Nov 2024 - Sept 2025

Sr. Site Reliability Developer

Reason for leaving: <>

- Standardized bug reproduction by packaging the customer stack matrix (40+ environment combos) into Docker; moved from manual, multi-hour builds to instant spin-up, returning 300+ hours to the team.
- Automated configuration management across 1000+ VMs through Ansible playbooks, ensuring infrastructure consistency.
- Integrated Jenkins with a GitOps-based Kubernetes deployment model (ArgoCD), separating build/test workflows from deployment orchestration and ensuring Git as the single source of truth for cluster state.
- Orchestrated Kubernetes clusters in AWS, achieving resource optimization that led to reduction in annual infrastructure cost.
- Designed and maintained the observability stack (Prometheus, Grafana, Loki) to monitor large-scale distributed systems.
- Crafted automated Python and Shell scripts to transfer Prometheus metrics to the Oracle Analytics Server (OAS) for detailed resource utilization analysis.
- Improved service stability, reducing Mean Time to Resolution (MTTR) to less than 15 minutes by expanding health checks and authoring detailed runbooks.
- Integrated OpenAI GPT-4.1 into incident response workflows to provide real-time diagnostic insights, automatically correlate alerts with historical logs, and suggest probable root-cause for faster troubleshooting.

Solera DealerSocket

Sept 2022 - Nov 2024

Software Configuration Management Engineer (DevOps)

An integrated dealership management and CRM platform that powers more than 9,000 dealer clients with tools for CRM, DMS, inventory management, websites, digital retailing, and data-driven marketing across the entire customer and vehicle lifecycle.

- Managed infrastructure, troubleshooted release issues, and collaborated with related teams to minimize downtime during outages, developed CI/CD pipelines, migrated from cloud to on-prem, implemented IAM and security best practices
- Designed CI/CD pipelines using Jenkins and reduced deployment time by about 95% with just a button click.
- Migrated CI/CD pipelines from proprietary software such as Teamcity, Octopus & Concourse to open-source tools such as Jenkins saving 1000's of dollars in licensing costs
- Awarded Star of the month 4 times for my proactive efforts towards automating manual deployments and resolving P1/P2 outages at Solera Inc.

Albedo

Co-founder

Jun 2023 - Mar 2024

Fast, Trustless, real-time crop insurance payouts powered by Decentralised Physical Infrastructure

- Backend development in Rust on Solana, designed smart contract logic, integrated IoT-driven data feeds to enable fast, verifiable claim settlements.
- Iterated product features based on feedback from mentors and potential customers.
- Built visibility for Albedo by growing an authentic audience of 145+ followers on X (Twitter) and networking with blockchain professionals and traditional insurance leaders.
- Guided product design and UI/UX iterations, aligning user workflows with farmer and insurer needs while balancing technical constraints and user-friendliness.

WorldQuant, LLC

Research Consultant

Jul 2013 - Dec 2015

Global quantitative asset management firm that develops and deploys investment strategies using a data-driven, algorithmic approach

- Researched, developed and tested 120+ algorithmic trading signals based on academic literature to extract alpha and generate long-short, market-neutral strategies using Python.