Prakyath Reddy

prakyathreddyk@gmail.com | https://www.linkedin.com/in/prakyath-reddy-k/ | https://github.com/PrakyathReddy

SUMMARY

- Senior DevSecOps and Site Reliability Engineer with 5+ years across pre-seed startups and Fortune 500 enterprises, operating at scales from 5-person teams to 300,000-employee organizations with $100M to multi-billion annual revenue.
- I build secure cloud infrastructure with Kubernetes and Terraform, embedding threat detection, hardening, and security scanning directly into CI/CD so teams can ship quickly while maintaining continuous compliance.
- Strong track record in GitOps, observability, and incident automation, including reducing MTTR to under 15 minutes, hardening and patching at scale with Ansible, and improving developer velocity by containerizing complex stack environments.

PROFESSIONAL EXPERIENCE

RingCentral   Nov 2025 - Present
Sr DevSecOps Engineer
RingCentral is a global unified communications and cloud contact center platform with 8,000+ employees and $2.5B+ in annual revenue, serving 450,000+ customers across 180+ countries.

At RingCentral, I focus on security operations that scale:
- Built proactive threat detection using CrowdStrike and Splunk, tuning alert rules to reduce false positives and speed up incident response
- Automated OS hardening and patch management with Ansible to reduce vulnerability windows and maintain benchmark compliance
- Integrated security scanning into the release lifecycle and drove remediation with engineering teams

Oracle   Nov 2024 - Sept 2025
Sr. Site Reliability Developer
Oracle is a cloud infrastructure company with 330,000+ employees and $50B+ in annual revenue, serving organizations across 190+ countries. Reason for leaving: Layoffs due to company restructuring.

At Oracle, I worked on reliability and platform automation:
- Orchestrated AWS Kubernetes clusters and managed configuration across 1,000+ VMs using Ansible
- Implemented GitOps with ArgoCD and Jenkins, making Git the source of truth for cluster state
- Designed Prometheus, Grafana, and Loki observability and reduced MTTR to under 15 minutes
- Containerized 40+ customer stack matrices into Docker, saving 300+ engineering hours

Solera DealerSocker   Sept 2022 - Nov 2024
Software Configuration Management Engineer (DevOps)
Solera delivers global automotive solutions for vehicle lifecycle management, insurance, & dealership software, serving over 280,000 customers across 120+ countries and generating $2.44 billion in annual revenue.

- Optimized CI/CD pipelines and managed infrastructure; spearheaded cloud-to-on-prem migrations and IAM security while collaborating across teams to minimize downtime.
- 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 thousands of dollars in licensing costs

Albedo

Founding Engineer   Jun 2023 - Mar 2024

Albedo was a decentralized crop insurance platform in the pre-seed stage, with a distributed team of 5 engineers utilizing Solana-based DePIN and on-field IoT sensors to automate trustless, real-time payouts for agricultural farmers worldwide.

- System Architecture & Design: Architected an event-driven backend in Rust, bridging off-chain IoT sensor networks with on-chain Solana smart contracts for reliable data ingestion and verification.
- Backend Engineering: Developed high-performance smart contracts in Rust, implementing custom logic for parametric insurance claims based on immutable, verifiable triggers from IoT data feeds.
- Infrastructure & Automation: Established the project's initial DevOps culture by implementing CI/CD pipelines (GitHub Actions) to automate smart contract compilation, unit testing, and linting, significantly reducing regression risks during rapid iteration.
- Data Pipeline Strategy: Designed a fault-tolerant oracle mechanism to aggregate and validate real-time weather data, addressing trade-offs between data freshness, gas costs, and network latency.

WorldQuant, LLC

Research Consultant   Jul 2013 - Dec 2015

WorldQuant is a global quantitative asset management firm developing and deploying data-driven investment strategies across asset classes, with over 1,000 employees across 27 offices worldwide and more than $7 billion in assets under management.

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