

Prakyath Reddy

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SUMMARY

- 5+ years in DevOps and Site Reliability Engineering at global tech companies ranging from pre-seed startups (5 employees) to Fortune 500 enterprises (300,000 employees) with \$100M to multi-billion in annual revenue.
- Proficient in architecting scalable Cloud Infrastructure via Terraform (IaC) and managing containerized workloads using Docker and Kubernetes. Expert in building automated CI/CD pipelines that integrate DevSecOps practices—including automated security scanning and IAM policy enforcement—to ensure high availability, rapid deployment, and system integrity.

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.

- Used CrowdStrike, SteamSec, Splunk and Imperva to monitor infrastructure for security threats
- Managed configuration and patching through Ansible
- While SOC analysts addressed security incidents, on a meta level, I analysed recurring incidents to permanently fix them.

Oracle

Nov 2024 - Sept 2025

Sr. Site Reliability Developer

Oracle is a global enterprise software and 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.

- Orchestrated AWS Kubernetes clusters and managed configuration across 1,000+ VMs using Ansible, ensuring infrastructure consistency and achieving significant cost reductions through resource optimization.
- Implemented a GitOps deployment model using ArgoCD and Jenkins, establishing Git as the single source of truth for cluster state and decoupling build/test workflows from orchestration.
- Designed a comprehensive observability stack (Prometheus, Grafana, Loki) and reduced Mean Time to Resolution (MTTR) to <15 minutes by expanding health checks and authoring automated runbooks.
- Integrated OpenAI GPT-4.1 into incident response workflows to automatically correlate alerts with historical logs and provide real-time diagnostic insights, accelerating root-cause analysis.
- Accelerated developer velocity by containerizing 40+ complex customer stack matrices into Docker; replaced manual multi-hour builds with instant spin-up, returning 300+ hours to the engineering team.

Solera DealerSocket

Sept 2022 - Nov 2024

Software Configuration Management Engineer (DevOps)

Solera delivers global automotive solutions for vehicle lifecycle management, insurance, and dealership software, with 10,000 employees serving over 280,000 customers across 120+ countries and generating \$2.44 billion in annual revenue.

- 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

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 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.