

# Sandeep Vangala

STAFF SRE



## Profile

Staff SRE with about 10 years of deep experience in GCP, Kubernetes/OpenShift, Terraform, cloud/platform security, observability, and production reliability. Builds policy-as-code guardrails, AI-driven support agents, and platform automation that shift security left, reduce toil, and cut platform engineering/security support wait times by 60%+.

### CORE STRENGTHS

- **Platform & Security SRE:** GCP, Kubernetes (GKE/OpenShift), VPC, IAM, Org Policies
- **Policy as Code & Governance:** OPA Gatekeeper, Terraform Sentinel, policy frameworks, exceptions
- **AI & Agents:** Google ADK, MCP, LLM-backed bots, agent workflows, RAG-style support
- **DevOps & Infra:** Terraform, Helm, Docker, GitLab/Jenkins CI/CD, GitOps workflows
- **Observability & Reliability:** New Relic, Dynatrace, Splunk, SLOs, production incident response
- **Ways of Working:** Stakeholder alignment, platform product thinking, enablement & self-service

## Employment History

### Staff SRE, Intuit Credit Karma, Charlotte, NC

AUG 2022 - PRESENT | PROMOTED TO STAFF ENGINEER, 2026

- Built an IaC PR review agent that uses Credit Karma standards, infrastructure context, risk signals, and vulnerability data to identify misconfigurations early in the pull request workflow.
- Designed a reusable AI and agent framework with Google ADK to automate platform and security support workflows, reduce triage overhead, and give engineering teams faster self-service answers.
- Built a threat landscape platform that converts enterprise and platform risk signals into actionable team-level insights, helping owners prioritize and close security gaps before they become exploitable.
- Delivered the threat landscape platform using a Next.js frontend, FastAPI backend, and PostgreSQL data model to support searchable, consumable, and continuously updated risk views.
- Built Platform Security Policy Framework (policy-as-code) for Kubernetes and GCP resources using OPA Gatekeeper and Terraform Sentinel, standardizing security guardrails across the platform.
- Partnered with platform and security stakeholders to codify exception processes, ensuring deviations are tracked, time-bound, and auditable instead of handled ad hoc.

### Details

Charlotte, NC

9016058536

[sandeepreddyv@gmail.com](mailto:sandeepreddyv@gmail.com)

### Links

[LinkedIn](#)

### Skills

Cloud Security

Kubernetes/OpenShift

AI Agentic Frameworks

Cloud Architecture & Engineering

Machine Learning

AI Ops & AI Agentic Frameworks

## **Principal Infrastructure Engineer, Discover Financial Services, Remote, Memphis.**

OCT 2020 - AUG 2022

- **Led design** and operation of cloud-native infrastructure across AWS using OpenShift for onboarding and supporting internal web and mobile services.
- Automated OpenShift cluster installation on various infrastructure providers like AWS and vSphere with Terraform (infrastructure setup), Ansible (day 2), and Jenkins (CI/CD).
- Automated consumer onboarding into OpenShift by designing and developing custom operators in Golang.
- Installed Red Hat ACM and designed solutions to manage multiple OpenShift clusters for consistency and governance with GitOps principles.
- Designed OpenShift readiness and liveness tests using GoBDD and Terratest.

## **Sr DevOps Engineer , Idea Evolver , Remote, Memphis.**

JUL 2020 - OCT 2020

- Implemented industry standards for existing Docker (CI/CD) and GKE setup to achieve a stable, reliable and performant environment.
- Built Terraform ecosystem for creating infrastructure with code instead of creating in ad hoc fashion using Google Console.
- Designed Helm charts to manage application deployments to GKE.
- Implemented Google Secret Manager to achieve security across various tools and processes in CI/CD.

## **Lead Release Engineer, Hilton Worldwide , Memphis, TN.**

FEB 2016 - JUN 2020

- Led Bamboo to GitLab migration effort for multiple variety of application in an organization.
- Created build and deployment scripts for deploying micro-services in OpenShift using GitLab.
- Provided platform and performance support focused on reliability and stability throughout production environments, interpreting KPIs and using performance assessment tools such as Dynatrace, Datadog and Splunk.
- Created CI/CD process for deploying static assets to Akamai NetStorage and S3 buckets.
- Created synthetic tests in Dynatrace to monitor key application metrics.

## **Education**

### **Masters of Information Technology Management , Campbellsville University , Kentucky**

JAN 2019 - DEC 2020

### **Masters of Electrical Engineering & Minors of Compute Networking, Wichita State University , Wichita, Kansas**

AUG 2014

### **Bachelor of Electrical Engineering, Vellore Institute Of Technology, Vellore**

MAY 2008 - MAY 2012

## **Awards & Recognitions**

- President's Award - Discover Financial Services, 2021
- Employee Excellence Performance (EIP) - Credit Karma, 2023 and 2024