

PRITAM KHERGADE

Senior Cloud & Platform Engineer · DevOps Architect · Multi-Cloud Infrastructure Specialist

khergadepritam@outlook.com | +91 9130924632 | [linkedin.com/in/pritamkhergade](https://www.linkedin.com/in/pritamkhergade) | pritamkhergade.online | Pune, India

PROFESSIONAL SUMMARY

Senior Cloud & Platform Engineer with 6+ years of hands-on ownership across AWS, GCP, and Azure — specialising in Kubernetes platform engineering, Terraform-driven infrastructure automation, and 24/7 production reliability. Built and operated multi-cloud environments supporting 40+ microservices with 99.9%+ availability, automated ~90% of infrastructure provisioning reducing environment spin-up from days to hours, and delivered 15–25% cloud cost reductions through systematic optimisation. Progressed from individual contributor to project lead and Scrum Master within client-facing delivery environments. Brings an unusually broad profile — deep infrastructure expertise and a track record of personal engineering projects that demonstrate product-level thinking and end-to-end ownership.

CORE COMPETENCIES

Cloud Platforms

AWS · Azure · GCP

Multi-account, HA, DR, cost optimisation

Kubernetes & Containers

EKS · AKS · GKE · Helm · ArgoCD

GitOps, cluster lifecycle, zero-downtime ops

Infrastructure as Code

Terraform · Ansible

~90% automation coverage, env standardisation

CI/CD & GitOps

Jenkins · GitHub Actions · GitLab CI

Zero-downtime release pipelines

Observability & SRE

Prometheus · Grafana · Loki · ELK

Alertmanager, Datadog, Dynatrace, New Relic

Security & Secrets

HashiCorp Vault · AWS Secrets Manager · IAM

Zero-trust, least-privilege, backup & DR

PROFESSIONAL EXPERIENCE

Senior Cloud Engineer | Finarkein Analytics Jun 2024 – Present

Pune, India · Multi-cloud fintech infrastructure · 24/7 production ownership

- Architect and own end-to-end multi-cloud infrastructure across AWS, GCP, and Azure supporting 4+ client production environments with **99.9%+ availability SLA** and zero unplanned downtime quarters.
- Built Terraform-based IaC framework automating ~90% of infrastructure provisioning — **reducing new environment spin-up from 3 days to under 4 hours** and eliminating configuration drift across all environments.
- Manage production Kubernetes clusters (EKS, GKE, AKS) hosting **10+ microservices per client**; own full cluster lifecycle including upgrades, scaling policies, and zero-downtime deployments.
- Led cloud cost optimisation through rightsizing, reserved instance planning, and resource lifecycle management — achieving **15–25% consistent reduction** in infrastructure spend across client accounts.
- Drive cloud security posture: IAM least-privilege policies, VPC network isolation, KMS encryption, and secrets lifecycle management via HashiCorp Vault and AWS Secrets Manager.
- Technical lead for 2–3 junior engineers**; conduct architecture reviews, define runbooks, and own incident response from detection through post-mortem across all managed environments.

AWS · GCP · Azure · Terraform · EKS / GKE / AKS · Helm · ArgoCD · Prometheus · Grafana · Vault · GitOps

DevOps Specialist → Project Lead | OpsTree Solutions Aug 2023 – Jun 2024

Remote · Promoted from IC to Project Lead within 6 months · Azure AKS focus

- Designed and built Azure AKS infrastructure from scratch for a greenfield microservices platform — **from empty subscription to production-ready cluster in under 3 weeks**, supporting 5+ business-critical workloads.

- ▶ **Promoted to Project Lead within 6 months**; owned sprint planning, delivery timelines, and client-facing stakeholder communication across 2 concurrent project tracks.
- ▶ Acted as Scrum Master for a cross-functional **team of 6** — ran sprint ceremonies, managed backlog health, and ensured on-time delivery across 3 major milestones with zero slippage.
- ▶ Managed distributed database infrastructure (PostgreSQL, MongoDB, Redis, JanusGraph, Scylla) across 3 environments — implemented automated failover, backup schedules, and read-replica strategies resulting in **zero data loss incidents**.
- ▶ Implemented full observability stack (Prometheus, Grafana, Loki, Alertmanager) reducing mean time to detection (MTTD) for production incidents by **~60%** and enabling proactive capacity planning.
- ▶ Deployed Kubernetes backup and disaster recovery using Velero with cross-region restore procedures validated quarterly — achieving **RTO < 2 hours** for full cluster recovery.
- ▶ Served as primary technical liaison for clients — delivered bi-weekly infrastructure reports, architecture proposals, and cost analysis to non-technical stakeholders.

[Azure AKS](#) · [Helm](#) · [Velero](#) · [Prometheus](#) · [Grafana](#) · [Loki](#) · [PostgreSQL](#) · [MongoDB](#) · [Redis](#) · [Jenkins](#) · [Scrum Master](#)

Senior DevOps Engineer | Freecharge Jul 2023 – Aug 2023

Short-term contract · Large-scale digital payments infrastructure

- ▶ Contributed to infrastructure operations for a high-throughput digital payments platform supporting 20+ CloudFront distributions and **45+ backend microservices** running on EKS.
- ▶ Assisted implementation of unified observability strategy across Prometheus, Grafana, ELK, Dynatrace, Datadog, and New Relic in a complex multi-tool environment.

[AWS EKS](#) · [CloudFront](#) · [Terraform](#) · [Jenkins](#) · [Helm](#) · [HashiCorp Vault](#) · [Prometheus](#) · [Datadog](#)

DevOps Engineer | Digit88 Oct 2022 – Jun 2023

AWS-native platform team · ETL & microservices infrastructure

- ▶ Managed AWS infrastructure (EC2, RDS, VPC, ELB, Auto Scaling) for a microservices platform; operated EKS clusters for applications backed by MySQL and DynamoDB.
- ▶ Reduced ETL pipeline infrastructure costs by **~30%** by migrating batch workloads to EC2 Spot Instances with EMR clusters — maintaining processing SLAs while eliminating on-demand costs.
- ▶ Automated EC2 patch management across 50+ instances using AWS Systems Manager — achieving **100% patch compliance** within defined SLA windows.
- ▶ Built and maintained CI/CD pipelines using Jenkins and Helm; implemented secrets management via AWS Secrets Manager and backup automation via AWS Backup.

[AWS EC2](#) · [EKS](#) · [EMR](#) · [Spot Instances](#) · [Terraform](#) · [Jenkins](#) · [CloudWatch](#) · [Zabbix](#)

DevOps Engineer (Core Team) | Cloudblitz Technologies Aug 2019 – Oct 2022

Early-stage startup · Core team member involved in engineering and business operations

- ▶ **One of the first engineering hires**; contributed to both infrastructure build-out and business-level discussions including financial planning, hiring strategy, and operational direction.
- ▶ Built AWS infrastructure (EC2, VPC, RDS, ELB, Auto Scaling) from scratch; implemented IaC using Terraform for repeatable environment provisioning.
- ▶ Configured CI/CD workflows using Jenkins, Git, and Docker; established observability using Nagios and Zabbix — **creating a DevOps function where none existed previously**.
- ▶ Contributed to version control governance and branching strategy that scaled engineering workflows from 2 to 10+ engineers without process breakdown.

[AWS](#) · [Terraform](#) · [Jenkins](#) · [Docker](#) · [Kubernetes](#) · [Nagios](#) · [Zabbix](#) · [Git](#)

ENGINEERING PROJECTS

AI-Powered DevOps Automation Platform | Personal Project 2026 – Present

Agent-based architecture · Kubernetes · GitOps · LLM integration

- ▶ Designed and built an AI-powered platform that generates production-ready Dockerfiles, Kubernetes manifests, and Helm charts from natural language inputs using an **agent-based LLM architecture**.
- ▶ Integrated GitOps deployment pipeline with ArgoCD; agent runtime continuously monitors and reconciles Kubernetes cluster state — end-to-end from code to running workload without manual intervention.

- ▶ Full-stack implementation: Python backend, React frontend, ArgoCD and GitHub Actions integration — **sole engineer across infra, backend, and frontend layers.**

[Python](#) · [React](#) · [Kubernetes](#) · [ArgoCD](#) · [GitOps](#) · [LLM Agents](#) · [Helm](#) · [GitHub Actions](#)

Slack-Integrated HRMS — Microservices Platform | Personal Project²⁰²⁵

[Django](#) · [Node.js](#) · [React](#) · [PostgreSQL](#) · [Redis](#) · [Celery](#) · [Slack API](#)

- ▶ Built a full-stack HRMS from scratch using microservices architecture with Slack integration and AI-powered HR workflow automation — sole engineer across all layers.
- ▶ Demonstrates end-to-end product ownership: async task management (Celery/Redis), real-time messaging integration, relational data modelling, and AI feature development.

[Django](#) · [Node.js](#) · [React](#) · [PostgreSQL](#) · [Redis](#) · [Celery](#) · [Slack API](#) · [Microservices](#)

Cloud Compliance & Security Scanner | Personal Project²⁰²⁵

[Python](#) · [AWS SDK](#) · [Multi-cloud](#) · [Security automation](#)

- ▶ Built an automated cloud compliance scanner that audits AWS environments against CIS benchmarks — detecting misconfigurations across IAM, S3, security groups, and logging policies.
- ▶ Generates structured compliance reports with remediation recommendations; designed to run as a scheduled Lambda or CI/CD pipeline step.

[Python](#) · [AWS SDK \(boto3\)](#) · [Lambda](#) · [IAM](#) · [S3](#) · [CloudWatch](#) · [Security Automation](#)

CERTIFICATIONS

- ▶ **AWS Certified Solutions Architect – Associate** — Amazon Web Services
- ▶ **Artificial Intelligence Fundamentals** — IBM SkillsBuild
- ▶ **AI Fluency: Framework & Foundations** — Anthropic
- ▶ **Project Management Fundamentals** — IBM SkillsBuild

ADDITIONAL

Databases: PostgreSQL, MySQL, MongoDB, Redis, DynamoDB, Scylla, JanusGraph

Languages: Python (scripting & automation), Bash, JavaScript (Node.js)

Leadership: Scrum Master · Sprint Planning · Technical Mentoring · Client Stakeholder Management

Ventures: Co-founder, Technoprime Solution — IT & Non-IT technical recruitment and staffing

Spoken: English (Professional), Hindi (Native), Marathi (Native)