

Kundan Kumar Ram

Infrastructure, DevOps and Platform Engineer

Bangalore, India | ramkundan275@gmail.com | linkedin.com/in/kundan-kumar-devops | github.com/707751

PROFESSIONAL SUMMARY

Hands-on Infrastructure, DevOps and Platform Engineer with professional experience across Linux operations, cloud infrastructure, deployment automation, traffic management, monitoring, databases, mail infrastructure, and production troubleshooting. Career experience spans systems administration, Linux engineering, and DevOps.

PRODUCTION ENGINEERING FOCUS

Operate and troubleshoot production platforms

Linux, Nginx, Apache, Docker, Kubernetes/GKE, MySQL/MariaDB, Redis, Solr, SSL/TLS, backup/recovery, firewall/VPN controls, and production diagnosis.

Design reliable traffic and edge controls

HAProxy and Nginx load balancing, health checks, failover, routing, ACLs, rate limits, stick tables, logging, monitoring, and HTTP 4xx/5xx/504 investigation.

Build delivery and cloud foundations

GCP: Compute Engine, GKE, Cloud Storage, VPC, IAM, Artifact Registry, Load Balancing, BigQuery, CDN, billing/cost monitoring. AWS: EC2, S3, IAM, VPC. Docker, Jenkins, Git, Ansible, Bash, Helm.

Improve observability and recovery readiness

Prometheus, Grafana, Zabbix, alerting, logs/events investigation, MySQL/MariaDB backup/restore and replication.

Operate mail infrastructure

Postfix/SMTP relay configuration, queues, delivery troubleshooting, DKIM, SPF/DMARC-related troubleshooting, transport maps, mail logs, provider/network issues, queue monitoring, and service maintenance.

PROFESSIONAL EXPERIENCE

Linux and DevOps Engineer | WhatJobs | Bangalore | Mar 2025 - Present

Linux and application-platform operations, delivery automation, monitoring and alerting, Docker deployment, backup operations, and production troubleshooting.

- Built Git and Bitbucket Hook deployment workflows and configured Prometheus/Grafana alerting.
- Delivered Dockerized applications behind Nginx with access controls, HTTPS/TLS, and MySQL backup support.
- Operated and troubleshot HAProxy traffic controls, backend health/routing, rate limiting, and HTTP errors.
- Worked on Kubernetes/GKE operations and a mail-relay architecture: workloads, services, access, monitoring, deployment, and troubleshooting.
- Supported Postfix/SMTP relays, mail queues, delivery failures, logging, and network/provider troubleshooting.

Linux Administrator | Codezin Technology Solutions Pvt. Ltd. | Kolkata | Feb 2024 - Feb 2025

Linux infrastructure and containerized application environments across RHEL, CentOS, and Ubuntu.

- Deployed and managed Dockerized applications, Dockerfiles, and container images.
- Managed LVM, filesystems, storage practices, and backup/recovery operations.
- Configured Apache, SSL/TLS, caching, reverse proxying, virtual hosts, and PHP-FPM.
- Supported deployment and infrastructure automation using Ansible.

Linux Engineer - Software Service | Reve Systems India Pvt. Ltd. | Delhi | Jul 2022 - Sep 2023

Supported Linux infrastructure and operational automation across AWS and hosting environments.

- Automated backups, monitoring, and routine maintenance using Bash; supported operational alerting.
- Configured secure remote access and web-traffic management components.
- Performed MySQL backup, recovery, tuning, and operational troubleshooting.

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PROFESSIONAL EXPERIENCE, CONTINUED

System Administrator | AGS Transact Technologies Limited | Kolkata | Jan 2020 - May 2022

Supported Linux-based retail systems, monitoring, MySQL administration, and technical support workflows.

- Managed Linux-based system availability and performance support.
- Implemented Zabbix-based system and application monitoring.
- Administered MySQL for retail applications and supported POS/ticket workflows through ServiceNow.

SELECTED ENGINEERING EVIDENCE

Production engineering focus

HAProxy and HTTP incident investigation: correlating HAProxy signals, backend behaviour, request patterns, health checks, routing controls, logs, and upstream errors to investigate 4xx, 5xx, and 504 conditions.

Postfix/SMTP operations: relay infrastructure, mail queues, delivery failures, logs, provider/network issues, queue monitoring, and production mail-service maintenance.

Kubernetes/GKE operations: clusters, node pools, workloads, services, ingress, storage, RBAC, Helm, monitoring/exporters, logs/events investigation, deployments, migrations, and recovery-related work.

Public implementation record

Production MCP Application Deployment - public implementation record, not presented as employer work.

krstack.in/work/production-mcp-application-deployment/

Engineering Labs and writing

Documented monitoring, Kubernetes delivery, and Nginx load-balancing labs; Linux, Kubernetes, and Nginx writing.

krstack.in/case-studies/ | krstack.in/writing/ | github.com/707751/krstack-engineering

EDUCATION

Bachelor of Computer Applications - Chatrapati Sahu Ji Maharaj University | Dec 2018

CERTIFICATIONS

Master Program in DevOps Engineering - Simplilearn | May 2024

Hardware and Networking Plus Cloud v2 - Jetking | Dec 2019

LANGUAGES

English | Hindi

CONTACT

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