

Kartikey Kushwah

Senior DevOps & Platform Engineer (SRE)

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Relocation: Open to relocating to Germany or Luxembourg for the right role. Also available for remote work.

PROFESSIONAL SUMMARY

Senior DevOps & Platform Engineer with 6+ years building and running high-availability infrastructure on AWS, Kubernetes, and Hetzner bare metal. I replace fragile, manual deployments with automated, observable systems — Infrastructure as Code, CI/CD, and production-grade monitoring — for enterprise, startup, and government clients.

TECHNICAL SKILLS

Infrastructure: AWS (EC2, IAM, VPC, Route53, S3, CloudFront, ALB, ACM, ECR, CloudWatch), Hetzner, DigitalOcean, Contabo

Containers & IaC: Kubernetes (CKAD), Docker, Docker Compose, Helm, Portainer, Terraform, AWS CloudFormation

CI/CD: GitHub Actions, GitLab CI, Jenkins, Drone CI, TeamCity, Fastlane

Monitoring: Prometheus, Grafana, Sentry, GlitchTip, Uptime Kuma

Linux: Ubuntu, Debian, Bash, systemd, PM2

Databases: PostgreSQL, PostGIS, MySQL, TiDB, Redis, Elasticsearch, MinIO, Celery

Web: Nginx, Apache, HAProxy, Reverse Proxy, SSL, Let's Encrypt

Development: Node.js, Express.js, Flask, React, Next.js, Git

EXPERIENCE

Senior DevOps & Full Stack Engineer — Koders Korp LLP (2020 – Present)

- Managed multi-cloud production infrastructure across AWS, Hetzner bare-metal, DigitalOcean and Contabo supporting 200+ production services.
- Designed highly available Kubernetes and Docker platforms for scalable microservices.
- Built CI/CD pipelines with GitHub Actions, Jenkins, GitLab CI, Drone CI, TeamCity and Fastlane.
- Provisioned AWS infrastructure using Terraform across VPC, ALB, CloudFront and ECR.
- Implemented Prometheus, Grafana, Sentry and GlitchTip observability.
- Improved reliability using Redis caching and Celery workers.
- Led infrastructure architecture, mentoring, documentation and self-hosted open-source adoption.

KEY PROJECTS

- Instaride:** Germany Government Mobility Platform using AWS, Flask, PostgreSQL/PostGIS and automated Flutter deployments.
- Defendia:** CI/CD for browser extensions, Electron, React and Postfix mail infrastructure.
- Wrencho:** AWS infrastructure, Docker, monitoring, Strapi CMS and mobile release pipelines.
- RFID Attendance System (Indian Army):** Secure isolated deployment of hardware-integrated Flask backend.

CERTIFICATIONS

Advanced Git and GitHub Features • Python for the Absolute Beginner • Jenkins for Beginners • Docker Basics for DevOps • Git Basics for DevOps • DevOps Prerequisite Course • Agile with Atlassian Jira • Fundamentals of Red Hat Enterprise Linux • Version Control with Git • AWS Solutions Architect • CKAD • Terraform Fundamentals • IBM Applied DevOps Engineering • DevOps Mastery

EDUCATION

B.Tech + LL.B. (Cyber Law)
UPES • 2016 – 2020 • CGPA 8.0/10

LANGUAGES

English (Professional) • Hindi (Native) • German (Basic, learning)