

ADARSH TIWARI

DevOps Engineer

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PROFESSIONAL SUMMARY

DevOps Engineer with 2 years of hands-on experience building and managing scalable cloud infrastructure on AWS and Kubernetes. Skilled in CI/CD automation, Terraform-based provisioning, and full-stack observability. Delivered 30% faster deployments and 99.9% uptime across 4 live international products.

CORE SKILLS

Cloud: AWS, Azure, GCP, DigitalOcean, Hetzner
CI/CD: GitHub Actions, Jenkins, ArgoCD (GitOps), CodeMagic
Databases: PostgreSQL (RDS), MongoDB (Atlas), Redis (ElastiCache)
Security: Cloudflare WAF, TLS/SSL, RBAC, OAuth2, JWT
Observability: Prometheus, Grafana, ELK Stack, SigNoz, Sentry, Uptime Kuma

Containers: Docker, Kubernetes (EKS), Helm, Docker Compose
IaC: Terraform, Ansible
Secrets: HashiCorp Vault
Scripting: Bash, Python, YAML | OS: Linux
Other: Hasura GraphQL, Typesense, Meilisearch, MSG91, AWS SES

PROFESSIONAL EXPERIENCE

DevOps Engineer — PAITEQ PRIVATE LIMITED | Bangalore, Karnataka Jun 2024 – Present

- Oversaw multi-cloud infrastructure (AWS, Azure, GCP, DigitalOcean, Hetzner) using Terraform and Ansible — reduced provisioning time by 40%.
- Streamlined CI/CD pipelines using GitHub Actions, Jenkins, and ArgoCD (GitOps) — cut deployment cycles by 30%, enabling 20+ releases per month.
- Directed containerised deployments using Docker and Kubernetes (EKS) with Helm, RBAC, and HPA — zero-downtime across 12+ services serving thousands of users.
- Administered production-grade PostgreSQL, MongoDB, and Redis — replication, backups, performance tuning, and high availability across live environments.
- Enforced security with Cloudflare WAF, TLS/SSL, HashiCorp Vault; observed health via Prometheus, Grafana, ELK, SigNoz, and Sentry — MTTR down 40%; handled mobile CI/CD via CodeMagic.

KEY PROJECTS

SuperBrains — Mental Health Platform AWS | Jun 2024 – Jun 2025

- Provisioned AWS infra via Terraform (EC2, RDS/PostgreSQL, ElastiCache/Redis, S3, ALB); deployed application stack using Docker Compose on EC2.
- Built GitHub Actions CI/CD for zero-downtime deployments; enforced security with Cloudflare WAF and HashiCorp Vault.
- Tracked system performance with Grafana dashboards; led iOS and Android releases via CodeMagic. Platform received the Golden Dutch Interactive Award (Digital for Good).

Nyburs — Hyperlocal Social Media Platform Multi-cloud | Jun 2024 – Present

- Deployed API services via Docker across multi-cloud; provisioned Kubernetes (EKS) exclusively for self-hosted LiveKit audio/video streaming.
- Multi-database: MongoDB Atlas (primary), Redis/ElastiCache (pub/sub, sessions), PostgreSQL for Gorse recommendation engine only.
- Integrated Typesense for search; implemented centralised logging and distributed tracing; tracked health with Grafana, SigNoz, Sentry, and PostHog.

DesiPass — Event Ticketing Platform Azure | Jun 2024 – Present

- Provisioned Azure infra via Terraform; deployed Docker services with RBAC and Redis-based distributed locking to prevent double-booking under high concurrency.
- Automated blue-green deployments via GitHub Actions with health-check rollback — 99.95% success rate; tracked uptime with Grafana.

Canpay, Grocery SaaS, GPStore & More AWS & DigitalOcean | 2024 – Present

- Administered MongoDB clusters on AWS and DigitalOcean; Bash/Python automation for backups, log rotation, and health checks; handled Play Store and App Store releases via CodeMagic.

CERTIFICATIONS

AWS Cloud Practitioner — Amazon Web Services 2024
DevOps Engineering Bootcamp — UpGrad 2024
CKA & AWS Solutions Architect Associate Pursuing

EDUCATION

B.Sc. Mathematics — MP Bhoj University, Bhopal 2019 – 2021