Rayane Kadi - Cloud & DevOps Engineer

Specialized in Kubernetes, GitOps and supply chain security (CKA, RHCSA), I design robust, automated and reproducible cloud-native infrastructures.

LinkedIn | Medium | GitHub | Portfolio

✉ rayane.kadi10@gmail.com   ⚲ Dijon, France (nationwide mobility)

Technical Skills

Cloud & Infrastructure:
AWS, Terraform, Ansible

Containers & Orchestration:
Kubernetes, Docker, FluxCD, Helm, CloudNativePG

Security:
Harbor, Cosign, Kyverno, Trivy, Vault

Observability:
Prometheus, Grafana, Loki

Databases:
PostgreSQL, MySQL

CI/CD:
GitLab CI, GitHub Actions

Programming:
Bash, C, TypeScript

Certifications

Certified Kubernetes Administrator (CKA) ↗
The Linux Foundation - December 2025

Red Hat Certified System Administrator (RHCSA) ↗
Red Hat - January 2026

Cisco Certified Network Associate (CCNA)
Cisco - In progress

Languages

French
English - Professional

Professional Experience

Cloud & DevOps Engineer
Personal Projects - Dijon, France | January 2025 - Present

- Secured the application supply chain: built signed images with Cosign without root privileges on a self-hosted GitLab runner, stored in a private Harbor registry with admission control via Kyverno. Continuous image scanning with Trivy, ensuring 0 critical or high CVEs.
- Centralized Kubernetes cluster observability (Prometheus, Grafana, Loki) with Slack alerting covering 100% of critical services, reducing MTTD to under 3 minutes.
- Secured an AWS serverless infrastructure by eliminating 100% of shared credentials and centralizing access via IAM following the least privilege principle. Full API protection through JWT authentication and complete action traceability for audit and incident response.
- Deployed a multi-region Disaster Recovery architecture on AWS via Terraform ensuring an RTO under 2 minutes through automatic failover and traffic redirection. Standby infrastructure activated only during incidents to optimize costs.
- Designed and automated a multi-VM platform (5 VMs) with Ansible integrating reverse proxy, SSO, database and self-hosted mail infrastructure. Reproducible provisioning in under 8 minutes, reducing deployment time from several hours to minutes.
- Implemented Kubernetes security mechanisms: network policies, centralized secrets management with Vault, automated TLS via cert-manager.
- Deployed CloudNativePG for PostgreSQL with daily backups to S3 and continuous WAL archiving, ensuring near-zero RPO.
- Set up a GitOps workflow with FluxCD to declaratively deploy 10+ Kubernetes workloads across multiple environments, with automated image promotion.

Full-Stack Web Developer
Freelance - Dijon, France | December 2021 – October 2024

- Standardized CI/CD pipelines (tests, lint, build), doubling deployment frequency.
- Structured application observability (logs, 5xx errors) and strengthened security (secrets management, dependencies, OWASP).
- Industrialized deployments via Docker with dev/prod parity.
- Contributed to AWS deployments and IaC foundations (Terraform, Ansible).
- Developed Next.js/Node.js interfaces and production-ready REST APIs.

Projects

Portfolio / Blog
Link: rayanekadi.com/blog | Since January 2025

I share my DevOps learnings and cloud-native experiments through practical articles on AWS, Terraform, Kubernetes and GitOps. Hands-on approach focused on real-world use cases.