

Ghaith Ben Abdessalem

Platform / DevOps Engineer

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Summary — Platform Engineer, 5+ years owning prod Kubernetes on Linode LKE (EU, single-region): 3 nodes, 100 pods / 11 namespaces at 99.9% as sole on-call, MTTR <1h. GitOps with Terraform + Helm (15 charts), GitLab CI + Argo CD (weekly + security releases, 10-min pipelines), Vault, Istio mTLS, Prometheus/Grafana/Loki/Tempo (10 dashboards, 12 alerts). Go + Next.js.

Skills

Spoken Languages

Arabic (Native), French (Fluent), English (Professional)

Programming Languages

Golang, TypeScript, JavaScript, SQL, Shell, Nix

Frameworks

Next.js, React, Express.js

Databases

PostgreSQL, MongoDB

Cloud & DevOps

Kubernetes, Linode (LKE), Terraform, Helm, Argo CD, GitLab CI, Vault, Istio, Prometheus, Grafana, Loki, Tempo, Docker, Linux

Professional Experience

Tech Lead — Cloud / DevOps

Swiss Premium Negoce, Tunis — 2021-Present · Promoted to sole platform owner, leading 8 devs

- **Platform & Leadership**
 - Sole owner + lead for 8 devs on Linode LKE: 3 nodes (4vCPU/8GB), 100 pods / 11 namespaces (7 services × dev/staging/prod) at 99.9%; only on-call via Alertmanager, MTTR <1h.
 - Reliability + security: Vault (secrets/PKI/rotation), Istio mTLS + tracing on all services, custom DB/file backups + LKE backups.
 - Mentored 2 interns, run reviews.
- **DevOps**
 - GitLab CI + Argo CD across dev/staging/prod: weekly + security releases (Syft/Trivy); 10-min cached pipelines, one-command rollback via Argo CD.
 - Unit + acceptance + integration gates block broken changes before prod.
- **Development**
 - Go microservices: shared middleware chain (caching, circuit breakers, logging, per-IP rate-limiting) embedded in each service; full backend coverage with unit + integration + acceptance tests.
 - Go image service: WebP optimization pipeline cutting image payload at serve time.
 - Reusable Next.js boilerplate used by 4 apps; ops dashboard (50 daily users) + corporate site with Next.js/Firebase.

Technologies: Kubernetes, Terraform, Argo CD, Vault, Istio, Golang, GitLab CI

Earlier Experience & Freelance

Pixels Trend — Full-Stack Dev, team of 10 (3 devs) (2020-2021) + Self-employed part-time (2021-Present)

- Shipped Hobb.tn, Digiprint.tn, and real-estate app (Next.js/Angular/Express.js) at Pixels Trend.
- Freelance: Elisys ERP (Next.js + Express.js, RBAC), Skanderellouze.com, offline inventory app for AMS (Angular + Electron).
- Nix config (gitlab.com/colkain/nixconfig) adopted as team standard on WSL.

Technologies: Next.js, Express.js, Nix

Education

Bachelor of Computer Science and Technology

Université Internationale de Tunis (2020)