Théo Morin

DevOps / DevSecOps Engineer

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SUMMARY

DevOps / DevSecOps engineer, ESILV graduate, in a permanent role at Avisto: Kubernetes (RKE2, Talos, k3s), CI/CD and GitOps, software supply chain security (SBOM, Kyverno). Demanding industrial and defense environments: Airbus, French Navy, French Air and Space Force.

TECHNICAL SKILLS

Systems and orchestration: Linux, Kubernetes (RKE2, Talos, k3s), Docker, Helm, Kustomize, Istio, Traefik, Proxmox
CI/CD and GitOps: GitLab CI, GitHub Actions, Jenkins, Argo CD, Kaniko, Renovate
Infrastructure as Code and cloud: Terraform, Ansible, AWS
Security (DevSecOps): Trivy, Grype, Syft (SBOM), DefectDojo, SonarQube, Checkmarx One, Kyverno, cosign, Sealed Secrets, CrowdSec, Authelia, WireGuard, Wazuh, HarfangLab
Observability: Prometheus, Grafana, Loki, Tempo, OpenObserve, New Relic
Languages and databases: Go, Python, Bash, TypeScript, Java, HCL, YAML, PostgreSQL (CloudNativePG), Oracle DB

PROFESSIONAL EXPERIENCE

DevOps Engineer (permanent) · Avisto — 2026 - present

- Brought Kubernetes clusters (sandbox, pre-production) back into shape: debugging, repair, Talos and Kubernetes upgrades.
- Secure integration pipeline: SBOM (Syft), vulnerability analysis (Grype), reports centralized in DefectDojo.
- Wrote infrastructure audit scripts for a major client.

Stack: RKE2, Talos Linux, Istio, Argo CD, Proxmox, Terraform, CloudNativePG, OpenObserve, New Relic, HarfangLab

DevOps Engineer · Airbus (through Capgemini) — 04/2026 - 08/2026

- Optimized the Jenkins and GitLab CI pipelines: build times improved by 20%.
- Led the Java 17 to Java 21 migration; automated code quality and security checks (SonarQube, Checkmarx One).
- End to end features and REST APIs (Spring Boot, Angular, Oracle Database) within a SAFe train, including PI Planning.

Stack: Jenkins, GitLab CI, SonarQube, Checkmarx One, Java, Spring Boot, Angular, Oracle Database

Software Engineer · French Navy — 04/2025 - 08/2025

- Shipped web applications to production for the Navy's firefighters: CI/CD pipelines, automation, monitoring.
- Wrote the deployment procedures and technical documentation.

Software Engineer · French Air and Space Force — 09/2024 - 04/2025

- Weapons management application for Air Base 106: design, development, automated testing, continuous deployment.

PERSONAL PROJECTS

INFRA · production GitOps Kubernetes cluster — github.com/theo-mrn/infra

- Three k3s nodes provisioned and hardened with Ansible (CIS level 1, kube-bench with no failures); more than 30 applications synced by Argo CD, Sealed Secrets; Prometheus, Grafana, Loki, Tempo; PostgreSQL via CloudNativePG.
- Defense in depth: no open inbound ports (outbound tunnel), CrowdSec WAF (OWASP CRS), Authelia SSO over OIDC, administration over WireGuard, continuous CVE scans and Kyverno policies.

Kybers · Internal Developer Platform — kybers.app

- A portal in the spirit of Backstage to create a repository, deploy it to Kubernetes and follow its logs and metrics; Go backend (gRPC, Protobuf) driving the cluster with client-go and Helm, Next.js interface.

DevOps Agent · AI diagnostic agent for Kubernetes — github.com/theo-mrn/devops-agent

- Watches the cluster, filters out noise and, on a real anomaly, explains the cause and the fix citing the runbooks (hybrid RAG with bge-m3 and BM25, Ollama or the Claude API); strictly read-only, enforced in code.

TrivyHub · vulnerability management SaaS — trivyhub.fr

- Go REST API (JWT, RBAC), a trivy-push CLI that detects the CI on its own, vulnerability remediation time tracking.

YNER · real-time microservices application — yner.fr

- 10 Fastify services, NATS JetStream, PostgreSQL; signed images (cosign, SBOM) verified by Kyverno, shipped by Argo CD.

EDUCATION

Master of Engineering in Computer Science · ESILV, Pôle Léonard de Vinci, France — 09/2023 - 08/2026
Exchange semester · Riga Technical University (RTU), Latvia — 09/2025 - 12/2025
Preparatory classes for engineering schools (PCSI / PC) · Lycée Saint-Joseph, France — 09/2021 - 08/2023

LANGUAGES

French: native · English: B2