

William Wautrin
Paris, France
Cloud & DevOps Engineer

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AWS, CKA and Terraform-certified Cloud & DevOps Engineer specialized in infrastructure automation and cloud-native platforms with Kubernetes, Terraform, CI/CD, observability and backend service deployment.

SKILLS

- **Cloud & DevOps:** Docker, Kubernetes, Helm, Terraform, Ansible, AWS, GCP, CI/CD (GitHub Actions, GitLab CI).
- **Databases & Caching:** PostgreSQL, MongoDB, Redis.
- **Languages & Frameworks:** TypeScript, React, Next.js, Java, Spring, Angular.
- **Tools & Methods:** Unit testing, E2E testing, Grafana, Prometheus, Microservices, Design System.
- **Collaboration:** Code reviews, Agile/Scrum, Technical documentation, Cross-functional communication.

PROFESSIONAL EXPERIENCE

- **Thales** Paris, France
Fullstack Software Engineer 09/2025 – Present
 - **Security & Architecture:** Designed a granular access-rights system to open the platform to several thousand external providers, with tree-based authorization resolution, external OIDC flows and real-time rights synchronization through SSE.
 - **Search & Performance:** Built a 3D resource search enrichment engine through EAM API integration, combining parallelism, caching and asynchronous processing to improve relevance and performance.
 - **Backend Migration:** Modernized the application to Java 17 / Spring Boot 3 and upgraded key application components.
 - **Observability:** Implemented application observability using Micrometer, Prometheus, Zipkin and Matomo, improving monitoring, diagnostics and product analytics.
 - **DevOps:** Maintained and improved Ansible deployments, Jenkins pipelines and GitLab CI/CD workflows.
- **Thales** Paris, France
Fullstack Software Engineer (Apprenticeship) 10/2023 – 09/2025
 - **3D Platform:** Built a web & mobile platform for 3D scan analysis with Angular, TypeScript, Spring Boot and PostgreSQL.
 - **Mapping:** Reduced map load times by 3 to 5 seconds per request by rebuilding the Leaflet frontend and backend WMS tile streaming/caching from a custom GeoServer.
 - **Offline Maps:** Enabled offline map access on mobile by implementing a GeoPackage download module from S3, with chunked streaming and local file reconstruction.
- **Coyote System** Paris, France
Test & Validation Engineer (Apprenticeship) 09/2022 – 09/2023
 - **Mobile Automation:** Shell automation for iOS/Android, reducing repetitive manual testing by approximately 40%.
 - **QA Tools:** Next.js interface to trigger internal API events, saving several hours of QA preparation per release.

PROJECTS

- **Lootopia:** Geospatial mobile/web platform in a monorepo, with RPC API, PostGIS model, real-time logic and Kubernetes GitOps deployment.
- **Party:** Cloud-native local events platform on GKE, provisioned with Terraform, Helm and Argo CD.

EDUCATION

Sup de Vinci 2025
Master's Degree - Information Systems Expert / Software Development Specialization

CERTIFICATIONS

- AWS Solutions Architect Associate
- AWS Developer Associate
- Certified Kubernetes Administrator (CKA)
- HashiCorp Terraform Associate

LANGUAGES

- French: Native
- English: Professional
- Spanish: B2