YASSINE BERGANOU

DevOps & Cloud Engineer | Kubernetes · CI/CD · Terraform · AWS / GCP · Observability

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PROFILE

DevOps Engineer with 1 year of DevOps work-study (DXC Technology, Capital Innov) and nearly 3 years of Linux and network operations in production. I automate software delivery: CI/CD (GitLab CI, GitHub Actions, Jenkins), containers (Docker, Kubernetes / k3s), Infrastructure as Code (Terraform, Ansible) and observability (Prometheus, Grafana, Loki). Seeking a DevOps / Cloud role.

TECHNICAL SKILLS

Containers & CI/CD: Docker, Docker Compose, Kubernetes, k3s, Helm, GitLab CI, GitHub Actions, Jenkins, Rundeck, Git

Cloud & Infrastructure as Code (IaC): AWS (EC2, VPC, IAM), GCP, Azure (Intune), Terraform, Ansible, CloudFormation

Observability & security: Prometheus, Grafana, Loki, Alertmanager, Vault, Nginx (TLS, rate limiting), Cloudflare (CDN, WAF)

Systems & development: Linux, DNS, DHCP, firewalls, Python, Bash, FastAPI, PostgreSQL · AI: LLMs, LangChain, n8n

PROFESSIONAL EXPERIENCE

Freelance – DevOps & Web Development 03/2026 – present | Remote

- Deployed and maintain the multilingual (FR/NL/EN) website of **Matissa ASBL (Belgium)**: Astro SSR, Strapi 5 and PostgreSQL on Docker Compose (OVHcloud VPS); secured with Nginx (TLS, rate limiting), Cloudflare (CDN, WAF) and a Cloudflare-only firewall
- Designed and shipped **ayoubchatar.com**, a bilingual (FR/EN) showcase site for an artist, with no personal data collection

Freelance AI Evaluator (code & DevOps) – Outlier 02/2025 – present | Remote

- Assessed the accuracy and quality of LLM-generated answers on software development and DevOps tasks

DevOps Engineer / AI Integrator – Work-study – Capital Innov 10/2025 – 03/2026 | Rabat

- Contributed to building a **10-module** multi-tenant SaaS platform covering every business function of a construction company
- Containerized the services with Docker and deployed the platform on Kubernetes; contributed to the CI/CD pipelines
- Automated business processes by integrating artificial intelligence (AI) components

DevOps Engineer – Work-study – DXC Technology 09/2024 – 01/2025 | Rabat

- Automated deployments through GitLab CI and Jenkins CI/CD pipelines integrated into the software factory
- Developed **10+** Shell / Python scripts and Ansible playbooks automating recurring infrastructure tasks
- Set up Prometheus / Grafana monitoring; managed deployments and run operations with Rundeck

Web Developer – Internship – LIBENS Consulting 01/2024 – 07/2024 | Rabat

- Delivered client websites (WordPress, PHP); deployed a Microsoft Intune (Azure) MDM / BYOD solution

Systems & Network Technician – REI 02/2021 – 10/2023 | Rabat

- Administered Linux servers, ran production operations and handled incidents (DNS, DHCP, firewalls) while studying
- Cut manual interventions by **over 30%** by automating network tasks with Ansible

PROJECTS

SyndicAI – Multi-tenant property management SaaS FastAPI · React · PostgreSQL · k3s

- Isolated each tenant with PostgreSQL Row-Level Security (**93 tables**); JWT, MFA, RBAC; LangChain / Groq AI agent (**8 tools**)
- GitHub Actions CI (lint, tests, security scan, Docker build) to k3s; monitoring with Prometheus, Grafana, Loki

Full-stack CI/CD on GCP Jenkins · Terraform · Ansible · Kubernetes

- Jenkins pipeline that rebuilds only the changed service (BuildKit); GCP VM via Terraform and Ansible; Cloud Functions

Kubernetes infrastructure on AWS – github.com/BerganouY/felicit-infra Terraform · Ansible · k3s · Helm

- EC2 and networking via Terraform, k3s cluster via Ansible, containerized Flask app; Vault, Prometheus and Grafana via Helm

EDUCATION, LANGUAGES & INTERNATIONAL

- AI Integrator – 1-year work-study program – GIZ (Tamheen II) × Incubateur Digital Solidaire | 08/2025 – 06/2026
- Master's in Information Systems Engineering (2023 – 2025) & Bachelor's in Software Engineering (2019 – 2022) – ESRMI
- DevOps Qualification (intensive bootcamp, certified by Maroc Numeric Cluster) – Jobintech × Ynov, Rabat | 04/2024 – 09/2024
- Courses: CKAD exam prep (Udemy / KodeKloud, 2024) · Intermediate Docker (DataCamp) · Incident Management (LinkedIn)

Languages — English: C2 (EF SET, 2026) · **French:** fluent (C1) · **Arabic:** native

Erasmus+ (2022 – 2026): 3 youth exchanges with Belgian NGOs (Matissa, KAIOS) and participants from 6 countries