

MAXIME GIRARD

Cloud / DevOps Engineer

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SUMMARY

Cloud / DevOps engineer graduating in 2026, with 2+ years of hands-on AWS experience in production at Enedis (France's main electricity distribution network operator). Built and operated a multi-user training platform on AWS using Terraform IaC, GitLab CI/CD, and SRE auto-remediation. Seeking a full-time Systems Development / Cloud Engineer role. Open to relocation across the EU, including Ireland.

EXPERIENCE

Cloud / DevOps Engineer — Enedis (Apprenticeship)

2024 – 2026 · Lyon

- **Designed and deployed to production** a multi-user cloud training platform on AWS (ECS Fargate, API Gateway, CloudFront, RDS, Lambda) provisioning isolated, on-demand environments for 15 concurrent users.
- **Automated the full infrastructure as code** with Terraform and GitLab CI/CD, removing manual environment setup and making provisioning fully reproducible.
- **Implemented SRE practices:** event-driven incident auto-remediation (CloudWatch → SNS → Lambda → SSM) across 3 failure scenarios (OOMKill, network, EC2), and a TTL-based cleanup pipeline that eliminated orphaned environments and controlled cost.

Software Test Engineer — Enedis (Internship)

2024 · 2 months · Lyon

- Built end-to-end (E2E) test suites for a web application and maintained automated test pipelines with CI/CD tooling.
- Collaborated closely with development and SRE teams.

Systems Designer — National Forensic Science Police Service (Internship)

2023 · 2 months · Lyon

- Delivered a high-capacity virtual desktop infrastructure (VDI) project, working autonomously under deadlines and leading technical meetings.

IT Consultant — Freelance

2019 – Present · France

- Designed infrastructure and built web / e-commerce applications for SMB clients (MY3D, Somanity, Concept Diffusions, ACC); deployed collaborative networking and VoIP; managed 3D-printing operations and client relationships.

PROJECTS

- **Codir — Enterprise-management SaaS (personal).** ~17-microservice FastAPI backend with a Next.js frontend on Kubernetes (Talos OS), GitOps via ArgoCD; Keycloak/Zitadel SSO, RabbitMQ messaging, MinIO storage, SonarQube quality gates.
- **GTA — Time & Activity Management (freelance, ACC).** FastAPI + React/TypeScript monorepo deployed to production (Docker + Nginx); business logic for time modulation, absences and overtime with validation workflows; full 20-scenario acceptance test passed at 100%.
- **Self-hosted Homelab.** Proxmox + K3s cluster, OPNsense firewall (WireGuard VPN, Suricata IDS), Prometheus/Grafana monitoring, GitLab CI/CD, and Terraform/Ansible IaC.

TECHNICAL SKILLS

Cloud & Virtualization: AWS, Azure, GCP, Proxmox

DevOps & Automation: Terraform, Ansible, Docker, Kubernetes, GitLab CI/CD, Git, Bash, PowerShell

Observability & Reliability: Prometheus, Grafana, CloudWatch, incident auto-remediation, IaC

Systems & Networking: Linux, Windows, Active Directory, DNS, VLAN, OSPF, Cisco

Programming: Python, Go, Java, JavaScript / TypeScript

Databases: MySQL, Oracle

Security: Firewalling, SIEM, IDS, OSINT

EDUCATION

Master of Engineering (MEng) — Computer Science & Cybersecurity

2026 · Lyon

Cloud & DevOps specialization · CPE Lyon / Institution des Chartreux (ITII engineering programme)

Associate's Degree in Computer Science — Networks & Systems

2023 · Lyon

Institution des Chartreux

CERTIFICATIONS & LANGUAGES

- **Certifications:** AWS Academy Cloud Foundations (2024) · Cisco CCNAv7 – Switching, Routing & Wireless Essentials (2023) · ANSSI SecNumacadémie (2022)
- **Languages:** French (native) · English (C1) · Italian (basic)