

Cédric Merlin

CTO: from infrastructure to products that make money.

Cloud architecture, security, AI and product, from large-scale critical platforms to SaaS in production.

contact@merlin-cedric.fr · Nancy and Paris · French, English (C2) · merlin-cedric.fr

AT A GLANCE

- Infrastructure for platforms handling **750 million requests a day**.
- Hotel booking platforms for the **Rugby World Cup 2023** and the **Paris 2024 Olympics**.
- Led a **team of 6**, supported **240 users in 5 countries**, managed the IT budget.
- **ISO 27001, ISO 27005 and PCI DSS** compliance.
- Founder of **M-KIS** (managed IT services, cloud, DevSecOps, Odoo, AI), France, Togo, Benin.

SKILLS

Cloud	AWS, OVH, Scaleway, private cloud
Containers and orchestration	Kubernetes (CKA), Docker, ArgoCD, Proxmox VE, ESXi, Xen
Infrastructure as Code and CI/CD	Ansible, Terraform, GitHub Actions, Jenkins
Networking and Zero Trust	VPN, SSO, Zero Trust (Cloudflare Tunnel, Access and WAF, WireGuard / NetBird), certificate-based bastions
Web and load balancing	Nginx, HAProxy, Traefik, Varnish, Apache, Node.js
Data	PostgreSQL, MySQL / MariaDB, MongoDB, Redis, Kafka, Qdrant
Observability	Prometheus, Loki, Grafana, Langfuse, SaaS monitoring
Security	Web and infrastructure penetration testing, vulnerability research, Wazuh SOC, LLM security
AI in production	LLMs, agents and MCP servers, RAG, n8n, Whisper, voice agents (SIP / RTP)
Development	Python, Bash, PowerShell, TypeScript (Next.js, Astro), Supabase, Odoo 18

CAREER

SINCE 2018

Infrastructure for an international B2B SaaS platform

- Ran the cloud environments, dedicated servers, Docker and Kubernetes clusters behind critical platforms (up to 750M requests a day).
- Infrastructure for the hotel booking platforms of the Rugby World Cup 2023 and the Paris 2024 Olympics.
- Split a monolith into containerised microservices.
- Infrastructure bot for the teams: an LLM connected read-only to the infrastructure, per-user audit, every question traced.
- Led ISO 27001 / 27005 and PCI DSS compliance. Managed a team of 6 and the IT budget.

2017 – 2018

Systems and security engineer

- Redundant, high-availability infrastructure of about 50 servers.
- Firewalls and site-to-site VPN (IPsec StrongSwan).
- Migration of Active Directory and Google to Azure, with centralised identities. 150 users, a team of 3 technicians.

2015 – 2017

System administrator, public sector

- Systems administration and level 3 support.
- PowerShell automation, documentation of procedures and security policies.
- Defence confidential clearance.

SINCE 2014

Founder of M-KIS

- Managed IT services, cloud, DevSecOps, Odoo integration, penetration testing, DevOps / Kubernetes / security training.
- In-house SaaS products: **Kadens** (gym management, in production), **SafePrompt** (browser extension that stops data leaking into AI tools, published on Chrome and Firefox), **Merlya** (AI-assisted quote preparation for industrial SMEs), **Analya** (company financial analysis by SIREN number).
- CTO of a startup: sovereign infrastructure with zero inbound ports, fully described in Ansible.

CERTIFICATIONS

- 2022** CKA, Certified Kubernetes Administrator
- 2021** PCI DSS
- 2020** ISO 27001, information security management
- 2014** LPIC-1
- 2013** CCNA 1-2
- 2012** CEH, Certified Ethical Hacker

EDUCATION

- 2015** Master's degree in IT infrastructure management and cybersecurity, CESI
- 2013** Bachelor's degree in industrial computing, Université de Lorraine
- 2012** BTS SIO (vocational diploma in IT services)

LANGUAGES

French (native), English (C2), Mina and Yoruba (fluent), Italian (school level).