

# Karl CERTA

Systems & Infrastructure Engineer

✉ [karl.certa@ik.me](mailto:karl.certa@ik.me) 📍 Relocating to Dublin from June 2026 📄 [karlcerta.fr](http://karlcerta.fr) 🌐 [kcta](https://www.linkedin.com/company/kcta) 🐙 [karl-cta](https://github.com/karl-cta)

**Summary** Infrastructure engineer with 5+ years managing Linux and Windows environments at scale, up to 600 servers. Hands-on with Terraform, Ansible, Docker and GitLab CI on VMware vSphere and OpenStack.

**Experience**

**Team-iT** Clermont-Ferrand, France  
Ops Consultant Oct 2025 - Present  
*Almerys - French leader in health insurance & e-health*

- Provisioned ~100 instances on OpenStack with Terraform (Nutanix-to-OpenStack migration)
- Refactored Ansible playbooks from RHEL 6 to Debian 12, integrating Vault and GitLab CI

**Walden Digital** Clermont-Ferrand, France  
Systems & Network Administrator Dec 2023 - Oct 2025  
*~600 servers · 5 European sites · ~5,000 users*

- Introduced Terraform + Ansible for VM provisioning on vSphere, cutting deployment time drastically
- Built a complete RDS farm from scratch (broker, gateway, session hosts) to deploy LabWare LIMS
- Created InfraCheck (PowerShell/PowerCLI GUI) to automate daily health checks replacing a ~2-hour manual process with a one-click report
- Managed hybrid AD/Entra ID environment. Escalation point for L1/L2 helpdesk. Zabbix dashboards, O365 admin (PowerShell). Daily English collaboration

**Assurance Maladie** Clermont-Ferrand, France  
Systems & Network Administrator Oct 2022 - Dec 2023  
*~30 servers · ~100 users · National healthcare programs*

- PowerShell automation: weekly report distribution (targeted lists, logging, alerting)
- Deployed Apache Superset on Docker (PostgreSQL, Nginx, SSL, Oracle)
- GPO consolidation, ESXi deployment, vCenter integration

**Groupe CEGI** Clermont-Ferrand, France  
Systems & Network Technician Dec 2020 - Oct 2022

- Provided remote multi-client support (hospitals, nonprofits, clinics) across system and application layers
- Managed AD, GPOs, SQL Server, IIS, Hyper-V, and RDS environments.

**Helpline** Clermont-Ferrand, France  
On-site Support Technician Mar 2019 - Dec 2019  
*Eramet / Aubert & Duval*

- Rolled out 1,000+ workstations (Windows 7 to 10 migration) across 3 industrial sites. SCCM, ServiceNow
- Managed end-to-end process: user scheduling, data migration, application setup, onboarding to Windows 10

**Movisafe** Mexico City, Mexico  
IT Support Technician Oct 2017 - Feb 2018  
4-month international internship in Mexico City. IT support and security recommendations

**Skills**

<b>DevOps, IaC &amp; Cloud</b> Terraform, Ansible, Docker, Git, GitLab CI/CD, Vault, Nexus	<b>Linux</b> Debian, RHEL, Bash, LVM	<b>Windows &amp; M365</b> AD, GPO, RDS, IIS, DNS/DHCP, Entra ID, Exchange, Powershell
<b>Virtualization</b> VMware vSphere, Proxmox, OpenStack, Hyper-V	<b>Monitoring &amp; ITSM</b> Zabbix, Grafana, Centreon, ServiceNow, GLPI	<b>Network, Security &amp; Backup</b> VLAN, Fortinet, Nginx, Fail2ban, OpenSSH, Veeam

**Education**

**AWS Certified Solutions Architect - Associate** Certification  
In Progress Target: May 2026

**AFPA** Professional Title (EQF Level 5 - ~ Associate Degree)  
IT Support Technician Beaumont, France • 2016 - 2017

**Lycée Camille Claudel** Professional Baccalaureate  
Electronics & Digital Systems Clermont-Ferrand, France • 2012 - 2015

**Personal Projects**

<b>Syspirit - IT Blog</b> Sysadmin, automation and self-hosting articles. <a href="https://syspirit.fr">https://syspirit.fr</a>	<b>Onyka</b> Open-source, self-hosted note app. <a href="https://onyka.app">https://onyka.app</a>
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**Languages**

<b>French</b> Native	<b>English</b> Professional	<b>Spanish</b> Basic
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**Interests** **HomeLab & Self-Hosting** **Gaming** **Rubik's Cube** **Travel**