Hugues KADI

Systems Engineer

Personal information

Location: Paris, FRANCE
Email: huguesk@attssystem.fr
LinkedIn: hugues-kadi
Website: attssystem.fr
Git: attssystem.fr/git

Languages

French - Native
English - Linguaskill C1
German - Basics

Interests

Cinema
Anime and manga
SF and fantasy books

Skills

Infrastructure
Linux, Kubernetes, Containerisation, Proxmox, Traefik

Automation & CI
Terraform, Ansible, CI (Gitlab, Github), Grafana

Security & Identity
Hardened environments, LDAP, secrets management, VPN (WireGuard)

Programming
Rust, Python, Bash

Strengths

Stakeholder communication
Project ownership
Training and facilitation
Decision-making under pressure

Projects & more

RRTIR - Published paper
Real-time instrument recognition using deep learning (see attssystem.fr/git/rrtir)

Advent of Code
Winter coding challenge (Python / Rust) (see attssystem.fr/git/aoc)

Student representative
Elected to the INSA CS Department Council; treasurer of the Lycée Colbert student council

Leading projects and teams

Project management - Platform engineering

As a Systems Engineer at ANSSI in Paris, I design hybrid cloud platforms and carry them through to adoption: gathering needs and aligning stakeholders. I'm looking for a role with more project ownership in an organization whose work matters, where I can be the bridge between technical teams and the people who rely on them.

Degrees

IT Engineer - Apprenticeship, INSA Lyon, *September 2022 – September 2025*
Handimanager Label (inclusive management), INSA Lyon, *May 2025*
DUT in Computer Science, IUT Lyon 1, *January 2020 – January 2022*
Aeronautics Basics Degree (BIA), Lycée Colbert, *June 2016*

Experiences

Systems Engineer - ANSSI (Paris)
October 2025 - today (1 year +)

- Designed and ran an agency-wide hybrid cloud platform within a secure and sovereign framework
- Created a dedicated workstream within the project and ran it as its sole engineer
- Managed legacy infrastructure alongside the new platform, planning its progressive migration
- Worked on site with internal teams and external contractors on legacy fixes and rollouts
- Reported and promoted the project in steering committees, building buy-in across teams
- Conducted hiring interviews for new team members
- Documented legacy and new solutions as reference material for the team
- Grew cybersecurity skills in a hardened environment, learning to do more with less

System and HPC Engineer Apprentice - EDF (Lyon), incl. mobility at EPFL (Lausanne, Switzerland)
September 2022 - September 2025 (3 years)

- Gathered and scoped requirements with business clients on every project
- Built Rust monitoring tools for a petascale LUSTRE filesystem and Python log analytics
- Managed a cluster-access application project and led HPC/cloud workshops for users
- Developed a Rust PoC for a multi-cluster abstraction layer serving 700 business users
- Spent 3 months embedded with EPFL research engineers, benchmarking HPC clusters

AI / Cloud Architect - Freelance, Junior Enterprise student-run consultancy (Lyon)
September 2024 - February 2025 (6 months)

- Deployed a state-of-the-art AI RAG (Retrieval Augmented Generation) application
- Designed a multi-container, multi-network Docker Compose stack
- Ran regular meetings with the client to sync project status and refine needs
- Collaborated with 2 developers on their development environments and technical issues

Technical Support Specialist - DCS Easyware (Lyon)
February - August 2022 (6 months)

- Stepped up to manage the support team for several weeks during multiple IT crises
- Provided Level 1 phone support for La Poste, focusing on office tools and business-oriented applications

Personal Infrastructure Lab (Homelab)
2010s - Present (Several years)

- Built and ran a personal hybrid cloud platform on bare metal and mini-PCs
- Migrated the workload stack from Proxmox and Docker to a self-managed Kubernetes cluster
- Designed the supporting layers: routing and DNS, shared storage, backups and monitoring
- Automated provisioning and operations with Ansible, Bash and Python

Find some of my other projects on my website: attssystem.fr