

CAREER PROFILE

Cloud Infrastructure Architect with extensive experience in:

- Designing, implementing, and optimizing **scalable, secure, and resilient** infrastructures across multi-cloud environments (AWS, GCP, Azure, Scaleway, OVHCloud).
 - Expertise in **Kubernetes architecture**, **Infrastructure as Code** (Terraform, Ansible, Packer), and **GitOps workflows** (ArgoCD, Helm).
 - Strong focus on **monitoring and observability** (Prometheus, Grafana, Loki, Alloy).
 - In-depth knowledge of **cloud security and compliance** (PCI-DSS, IAM, network segmentation).
- Provides **technical leadership** to DevOps teams and collaborates closely with **Scaleway** to align architecture, performance, and roadmaps with cloud provider capabilities.

EXPERIENCES



Cloud Infrastructure Architect
Kaliop, France
Jan 2025 - Present

Designing and optimizing **scalable multi-cloud infrastructures** (AWS, GCP, Azure, Scaleway, OVHCloud).
Building **resilient Kubernetes architectures**, driving **laC practices** and automation.

- Defined **architecture standards** and **best practices** for enterprise projects
- Designed **multi-cluster Kubernetes** with **governance and security controls**
- Advanced **laC** (Terraform, Ansible, Packer) for **repeatable deployments**
- Implemented **GitOps workflows** with ArgoCD & Helm
- Strengthened **cloud security & compliance** (PCI-DSS, IAM)
- Led **cost optimization and observability** initiatives (Prometheus, Loki, Grafana, Alloy)
- Collaborated with **Scaleway** to align **infrastructure optimization** with **provider roadmaps**



Consultant Systems & Network
Kaliop, France
May 2022 - Dec 2024

Led **virtualization, monitoring, and Linux/cloud modernization** projects.

- Built **Terraform & Ansible-based infrastructure** for multi-cloud
- Deployed **Kubernetes clusters** (AWS, GCP, Azure, Scaleway) for **production workloads**
- Integrated **Dynatrace, NewRelic, Prometheus** for **end-to-end observability**
- Automated **ArgoCD-based CI/CD** pipelines with **Helm charts**
- Created **Docker images** and **Packer-built AMIs** for standardized environments



Infrastructure & Network Manager
Eleawave, France
Jun 2017 - Apr 2022

Managed **infrastructure migration and compliance programs** for clients.

- Migrated platforms to **OpenStack (OVH Public Cloud)**
- Ensured **PCI-DSS 3.2.1 compliance** for production systems
- Specialized in **email deliverability (DMARC, DKIM, SPF, S/MIME)**
- Established **Zabbix, ELK, Prometheus, Grafana** monitoring stacks
- Directed **laC adoption** with **Chef, Ansible, Terraform**
- Supervised **teams and projects** via **JIRA**



Systems Engineer
Teads, France
Jun 2015 - Jun 2017

Contributed to **R&D and production operations** for a **global video advertising platform**.

- Designed **Chef 12 cookbooks** for deployment automation
- Automated **Cassandra clusters** (2.0–2.1) with **MESOS, Marathon, Docker**
- Built **Cassandra backup & restore automation** (snapshots, token/IP spoofing)
- Deployed **AWS EC2 clusters** with **Chef provisioning (Zero & centralized)**
- Deployed **Grafana 2/3 stacks** (cache layers, aggregators, graphite)
- Built **Zabbix monitoring scripts** for **Cassandra, Elasticsearch, RabbitMQ, RDS, ElastiCache**
- Automated **IaaS provisioning** using **Terraform + Chef** on **AWS**
- Managed **VPN IPSec links** between **AWS & GCP** for hybrid workloads



Technical Project Manager
Kaliop, France
Apr 2012 - May 2015

Directed **infrastructure projects and enterprise migrations**.

- Migrated **VMware ESX 4 → ESX 5.5** for production platforms
- Oversaw **messaging migration to Gmail** for internal systems
- Conducted **MySQL security and performance audits** across clients
- Delivered **JVM and MySQL tuning** (NFS, APC, Nginx optimizations)
- Led **deployment pipelines** with **Foreman + Puppet automation**
- Supervised **backup migrations** (Veeam 4.x → 7) and **VMware upgrades**



Technical Consultant
KeepCore, France
Apr 2011 - Feb 2012

Consulted on **Linux/Java systems** and **enterprise application hosting**.

- Supported **30+ servers** (CentOS, Debian, RedHat) for **client production**
- Performed **MySQL audits and JVM tuning** for **Tomcat & JBoss**
- Proposed **infrastructure improvements** and **optimized monitoring stacks** (Cacti, Nagios)
- Delivered **backup strategies, capacity planning, and retro-engineering reports**



Systems and Network Engineer
PoP-Development, France
Apr 2009 - Apr 2011

Oversaw **Linux (Gentoo) infrastructure** for **VirtualExpo (50+ servers)**.

- Supervised **Cisco & Netgear production equipment**
- Implemented **MySQL optimization and replication strategies**
- Managed **Cacti/Nagios monitoring** for production apps
- Led **virtualization migration** to **Xen Citrix on RHEL**



Systems and Network Administrator
Groupe La Poste, France
Apr 2007 - Mar 2009

Administered **Windows Server 2008/2012 & Active Directory** for **300+ workstations**.

- Migrated **Microsoft Exchange 5.5 → Oracle OCFO**
- Built **PHP/MySQL intranet portals** for user management
- Designed **network monitoring** with **Nortel & Cisco** (NAP/802.1x)



IT Support Technician
CROUS Montpellier, France
Jan 2006 - Sept 2006

Provided **IT support** for studends and staff at **CROUS Montpellier**.

- Assisted with **hardware/software troubleshooting**
- Managed **network connectivity issues** for student residences with fiber and Wi-Fi on **RENATER** network
- Supported **Windows XP/7, Linux, and Mac OS X** environments
- Phone support for **email, internet, and software applications**



Network & Systems Technician
Euro Réseau, France
June 2005 - Aug 2005

Contributed to **telecommunications and IT infrastructure projects** while completing studies.

- Deployed and configured **switches and routers** for corporate clients
- Assisted with **LAN/WAN design, cabling, and troubleshooting**
- Supported **Windows Server and Linux-based networks** for SMEs
- Administered **Windows 2003 servers** and configured **Active Directory** for user management
- Helped implement **firewalling, VLANs, and access policies** for small-to-medium infrastructures
- Deployed **NetASQ firewalls** and configured **VPNs** for secure remote access

CERTIFICATIONS

Scaleway Pre-Sales Certification
Scaleway
2025

Certification focused on Scaleway cloud solutions, pre-sales expertise, and aligning cloud architecture and performance with client requirements.

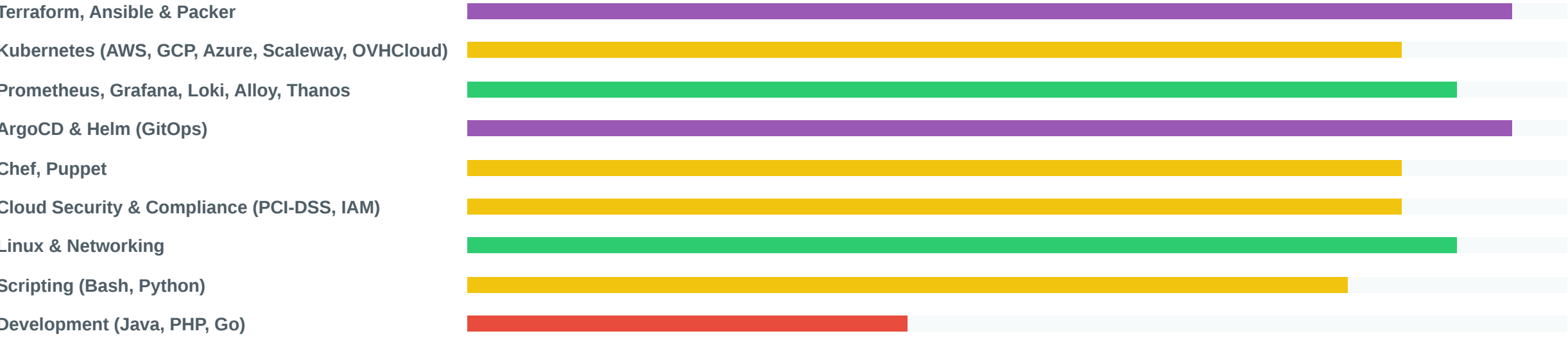
SPEAKING ENGAGEMENTS & WEBINARS

- Kaliop Webinars (2023–2025)
Regular speaker in Kaliop webinars focused on Kubernetes governance, GitOps practices, and multi-cloud strategies.

- Open Source Experience, 4 December 2024
Speaker on "Composable / JamStack in Kubernetes: Cost Optimization and Performance" at the Open Source Experience conference in Paris.

- KubeCon, 20 March 2024
Participated at the Scaleway booth during KubeCon Europe 2024 to discuss ADEME's migration to the Scaleway Kapsule Kubernetes platform, focusing on architecture choices, performance tuning, and cost optimization.

SKILLS & PROFICIENCY



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Cloud Infrastructure Architect



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Montpellier, France



Europe/Paris Timezone



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didiersegura



didier-segura



Resume PDF

EDUCATION

Master's Degree in Administration, Security, and Networks
Université Montpellier II

2006 - 2007

Bachelor's Degree in Computer Science

Université Montpellier II

2004 - 2005

Advanced Technician's Diploma in Telecommunications Engineering

IUT Valence

2002 - 2004

LANGUAGES

English (Technical)

French (Native)

Spanish (Basic)

INTERESTS

Cloud Architecture

Kubernetes & IaC

Monitoring & Automation

CUSTOMERS

