## **Didier SEGURA**

Systems and Network Consultant based in France

#### Email / Website / LinkedIn / GitHub



Consultant Systems & Network @ KALIOP (May 2022 - Present)

Leading system and network initiatives, specializing in virtualization, deliverability, monitoring, and Linux environments.

- Infrastructure As Code: Terraform / Ansible
- Monitoring: Icinga2 / Prometheus Alertmanager / Dynatrace / Newrelic
- Deployment of Kubernetes clusters (K8s) (AWS / GCP / Azure / Scaleway)
- Cloud infrastructure deployment (AWS Fargate)
- Application deployment with ArgoCD (Helm Charts)
- Building Docker images / AMI via Packer

## Infrastructure & Network Manager @ ELEAWAVE (Jun 2017 - Apr 2022)

- Migration of platforms to Openstack (OVH Public Cloud)
- Expertise in deliverability (DMARC, DKIM, SPF, Blacklist, S/MIME)
- PCI-DSS compliance 3.2.1 (audit, analysis, and compliance)
- Platform monitoring: Zabbix / ELK / Prometheus / Grafana
- Infrastructure As Code: Chef, Ansible, Packer, Terraform
- Team leadership and project management (JIRA)

### Systems Engineer @ TEADS (Jun 2015 - Jun 2017)

Engineered and maintained systems for a global advertising marketplace.

- Infrastructure deployment under AWS (EC2, ELB, RDS, VPN)
- Deployment of build tools / cronjobs: Jenkins and Rundeck
- Administration of NoSQL (Cassandra)
- Monitoring and Alerting with Zabbix / Grafana / Graphite
- Management of AWS services: Route53, RDS, EC2, ElastiCache
- Infrastructure As Code: Chef, Terraform

## Technical Project Manager @ KALIOP (Apr 2012 - May 2015)

Lead technical projects and initiatives for various clients.

- Migration VMware ESX 4 to VMware ESX 5.5
- Migration of internal messaging to Gmail
- Integration of open-source solutions based on client needs
- Infrastructure As Code / Automation: Puppet
- Security and performance audit of MySQL
- Managed multiple infrastructure and network projects

#### Technical Consultant @ KeepCore (Apr 2011 - Feb 2012)

Provided system and network consulting services for various clients.

- Integration of business applications (Apache Tomcat / JBoss)
- Administration of Linux servers (CentOS / Debian)

## Systems and Network Engineer @ PoP-Development (Apr 2009 - Apr 2011)

Engineered and maintained systems for B2B business.

- Administration of over 100 Gentoo Linux servers
- Management of hosting for high-traffic B2B PHP websites

## Systems and Network Administrator @ Groupe La Poste (Apr 2007 - Mar 2009)

Maintained systems and networks for La Poste Group.

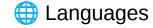
- Administration of a fleet of Windows 2008 & 2012 servers
- Administration of Active Directory (GPO) on a domain of 300 client workstations
- Administration and monitoring of network equipment (Juniper / Nortel)

# Competences

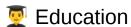
- Infrastructure as Code (IaC): Proficient in using Terraform, Ansible and Chef for automated infrastructure deployment.
- Monitoring and Performance: Extensive experience in implementing and managing monitoring solutions like Icinga2, Zabbix, Prometheus, and Grafana.
- Cloud Technologies: Expertise in deploying and managing cloud infrastructure, including AWS Fargate and Kubernetes on various cloud platforms (Scaleway, AWS, GCP, Azure).
- Team Leadership and Project Management: Proven ability to lead international teams and manage projects efficiently using tools like JIRA.

## Technologies

- Infrastructure As Code: Terraform, Chef, Ansible
- Monitoring: Icinga2, Zabbix, Prometheus, Dynatrace, Newrelic
- Kubernetes: AWS, GCP, Azure, Scaleway
- Cloud Services: AWS Fargate, Openstack (OVH Public Cloud), RDB, Redis, OpenSearch
- Continuous Deployment: ArgoCD, Helm Charts, Docker, Packer
- $\bullet \ \ \textbf{Security and Compliance:} \ \ \mathsf{DMARC}, \ \mathsf{DKIM}, \ \mathsf{SPF}, \ \mathsf{Blacklist}, \ \mathsf{S/MIME}, \ \mathsf{PCI-DSS}$
- IT Management: Rundeck
- Databases: Cassandra, MySQL, PgSQL
- Visualization and Dashboarding: Grafana
- Virtualization: VMware ESX
- Web Servers: Apache, NGiNX, Apache Tomcat, JBoss
- Operating Systems: Linux (CentOS, Debian, Gentoo), Windows Server 2008 & 2012
- Networking: Juniper, Nortel



**English**: Technical **≅ Spanish**: Basic **■ French**: Native



Master's Degree in Administration, Security, and Networks

Université Montpellier II | 2006 - 2007

- BAC +5 MASTER 2
- Bachelor's Degree in Computer Science

Université Montpellier II | 2004 - 2005

- BAC +3 Licence Informatique
- Advanced Technician's Diploma in Telecommunications Engineering

IUT Valence | 2002 - 2004

BAC +2 - DUT Génie des Télécommunications