



# Leslie-Alexandre DENIS

## Head of Platform x SRE x MLOps

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## Overview

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Feel free to contact me for further discussion and visit my links for more details.

## Experience

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### Head of Platform, TenTen – Paris, Remote

2023 – 2025

Ten Ten turns your phone into a live walkie-talkie with your best friends anywhere, anytime.

- architected and managed a high-scale, cost-optimized global infrastructure on AWS
- low-latency WebRTC application stack, used in 100+ countries
- strategically integrating or designing key self-managed or SaaS services (monitoring, security, database [...])
- AWS | ScyllaDB | ClickHouse | Prometheus | Golang | Rust | Istio | Kubernetes | WebRTC

### Senior Site Reliability Engineer, BeReal – Paris, Remote

2021 – 2023

It's time to BeReal.

- scaling a cloud native infrastructure fully in GCP, from thousands DAU to >20th of millions
- high level of expertise to tackle complex and unusual engineering problems (short window spikes...)
- GCP | PostgreSQL | Redis | NodeJs | Golang | Istio | Kubernetes | Terraform | ArgoCD

### Senior Site Reliability Engineer, orchestrato.io – Remote

2019 – 2021

Various freelance key positions for infrastructure, reliability and operations.

- Dougs +
  - migrate the entire Heroku stack to Google Cloud Platform without downtime
  - GCP | PGSQL | Kubernetes | Terraform | System Architecture | GitHub | CI/CD
- Pixwoo +
  - refactor, improve and automate the whole GCP platform and the backend
  - GCP | Terraform | Scalability | Redis | GitHub | Symphony | Docker | PostgreSQL
- Superprod +
  - delivered an e2e deployment solution for on-premise Kubernetes multi-clusters, with observability and training
  - Kubernetes | Terraform | Elastic Stack (ELK) | Ansible | Git | Docker
- Navya +
  - delivered an in-house OS build & install pipeline over GitLab, MaaS, Packer, cloud-init
  - coded a fleet management system with Go, Consul & AT protocol
  - lot of AWS automation (tf, ansible...)
  - AWS | Terraform | Bash | Embedded Systems | Golang | Ansible | CI/CD | Gitlab

**Core Platform Engineer, Vente Privee** – Lyon, Paris, Remote

2019 – 2019

The core platform team is transverse to the whole company and provide the technical services as storage, compute, observability etc...

- designed a global block & object storage solution (Ceph, KVM)
- automation for QEMU, KVM internal needs
- on-premise Kubernetes clusters
- Kubernetes | Terraform | QEMU/KVM | Ansible | CI/CD | Git | Gitlab | Prometheus | Grafana

**Lead Site Reliability Engineer, Vente Privee** – Lyon

2017 – 2019

Leading the team dedicated to make the delivery of parcels fast and reliable (15 warehouses running 24/24).

- modernize industrial stack for warehouses (WMS, WCS)
- automate and make it reproducible
- challenge everything with a fresh eye
- Kubernetes | Ansible | PostgreSQL | MSSQL | MongoDB | CI/CD | Gitlab | Python | Node.js

**Site Reliability Engineer, Optimiz.me** – Lyon

2017 – 2017

Founding SRE onboard, designed and scaled the GCP infrastructure, CI/CD, databases, monitoring and security.

- GCP | Kubernetes | Redis | Security | Ansible | CI/CD | Docker | PGSQL | Gitlab | Node.js

**Platform Engineer (OpenStack), CNRS** – Lyon

2015 – 2016

National computer science department dedicated to High Energy Physics Research, mainly with the CERN.

- OpenStack | HPC | IaC | Distributed File Systems | Observability

**Platform Engineer (OpenStack), CNRS** – Lyon

2014 – 2015

eTRIKS (IMI/EFPPIA) European project for pharmaceutical translational research (finding pattern for new medicine)

- build a private cloud with OpenStack to support a bioinformatics
- open source stack (R, Rserve, tranSMART, PostgreSQL, Java) letting the biologists conduct their research
- led deep work on HPC performance optimization for OpenStack
- architecture of a R computing farm
- OpenStack | HPC | IaC | Distributed File Systems | Observability

**Network Admin, DCforDATA** – Lyon

2012 – 2014

Early staff of tier III datacenter and its regional / national network backbone operations (fiber, BGP...).

Acquired by Free (Iliad).

**System Admin, Institut Lumiere** – Lyon

2009 – 2009

First edition of the Lumiere Festival (international movie festival)

## **Publication**

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**eTRIKS platform: Conception and operation of a highly scalable cloud-based platform for translational research and applications development**

2018

- <https://doi.org/10.1016/j.combiomed.2018.02.006> (Computers in Biology and Medicine)

## Skill

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**Infrastructure:** Kubernetes, AWS, GCP, Scaleway...

**Data:** PostgreSQL, ScyllaDB, ClickHouse, Redis...

**Observability:** Prometheus, Grafana, ELK, Datadog, Sentry...

**Language:** Python, Golang, TypeScript, bash...

**Automation:** OpenTofu, Terraform, Ansible, Pulumi, CDFTK, Puppet...

**ML:** llama.cpp, VLLM, CUDA, PyTorch, TensorFlow ...

**More:** >> +

## Education

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**Certified Kubernetes Administrator**, The Linux Foundation 2018

**Google Cloud Platform Systems Operations Professionals Specialization**, Coursera 2017

**IEEEEx - From Goddard to Apollo: The History of Rockets**, edX 2016

**Master's Degree Cycle d'ingénierie, expert en systèmes d'information (ESI)**, Isitech, 2014  
École d'Ingénierie Informatique – Lyon, France

**Associate's Degree (option administrateur système)**, Campus Sciences-U Lyon – Lyon, 2008  
France