



# 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

<b>Core Platform Engineer, Vente Privee</b> – Lyon, Paris, Remote The core platform team is transverse to the whole company and provide the technical services as storage, compute, observability etc... <ul style="list-style-type: none"> <li>• designed a global block &amp; object storage solution (Ceph, KVM)</li> <li>• automation for QEMU, KVM internal needs</li> <li>• on-premise Kubernetes clusters</li> <li>• Kubernetes   Terraform   QEMU/KVM   Ansible   CI/CD   Git   Gitlab   Prometheus   Grafana</li> </ul>	2019 – 2019
<b>Lead Site Reliability Engineer, Vente Privee</b> – Lyon Leading the team dedicated to make the delivery of parcels fast and reliable (15 warehouses running 24/24). <ul style="list-style-type: none"> <li>• modernize industrial stack for warehouses (WMS, WCS)</li> <li>• automate and make it reproducible</li> <li>• challenge everything with a fresh eye</li> <li>• Kubernetes   Ansible   PostgreSQL   MSSQL   MongoDB   CI/CD   Gitlab   Python   Node.js</li> </ul>	2017 – 2019
<b>Site Reliability Engineer, Optimiz.me</b> – Lyon Founding SRE onboard, designed and scaled the GCP infrastructure, CI/CD, databases, monitoring and security. <ul style="list-style-type: none"> <li>• GCP   Kubernetes   Redis   Security   Ansible   CI/CD   Docker   PGSQL   Gitlab   Node.js</li> </ul>	2017 – 2017
<b>Platform Engineer (OpenStack), CNRS</b> – Lyon National computer science department dedicated to High Energy Physics Research, mainly with the CERN. <ul style="list-style-type: none"> <li>• OpenStack   HPC   IaC   Distributed File Systems   Observability</li> </ul>	2015 – 2016
<b>Platform Engineer (OpenStack), CNRS</b> – Lyon eTRiKS (IMI/EFPIA) European project for pharmaceutical translational research (finding pattern for new medicine) <ul style="list-style-type: none"> <li>• build a private cloud with OpenStack to support a bioinformatics</li> <li>• open source stack (R, Rserve, tranSMART, PostgreSQL, Java) letting the biologists conduct their research</li> <li>• led deep work on HPC performance optimization for OpenStack</li> <li>• architecture of a R computing farm</li> <li>• OpenStack   HPC   IaC   Distributed File Systems   Observability</li> </ul>	2014 – 2015
<b>Network Admin, DCforDATA</b> – Lyon Early staff of tier III datacenter and its regional / national network backbone operations (fiber, BGP...). Acquired by Free (Iliad).	2012 – 2014
<b>System Admin, Institut Lumiere</b> – Lyon First edition of the Lumiere Festival (international movie festival)	2009 – 2009

## Publication

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<b>eTRiKS platform: Conception and operation of a highly scalable cloud-based platform for translational research and applications development</b> <ul style="list-style-type: none"> <li>• <a href="https://doi.org/10.1016/j.compbio.2018.02.006">https://doi.org/10.1016/j.compbio.2018.02.006</a> (Computers in Biology and Medicine)</li> </ul>	2018
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## 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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<b>Certified Kubernetes Administrator</b> , The Linux Foundation	2018
<b>Google Cloud Platform Systems Operations Professionals Specialization</b> , Coursera	2017
<b>IEEEEx - From Goddard to Apollo: The History of Rockets</b> , edX	2016
<b>Master's Degree Cycle d'ingénierie, expert en systèmes d'information (ESI)</b> , Isitech, École d'Ingénierie Informatique – Lyon, France	2014
<b>Associate's Degree (option administrateur système)</b> , Campus Sciences-U Lyon – Lyon, France	2008