



Leslie-Alexandre DENIS

Head of Platform x SRE x MLOps

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Overview

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

Experience

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

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

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

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