Intro

33-year-old engineer passionate about cloud technologies and an **expert in DevOps and FinOps** with **7 years of experience**. I enable digital transformation by optimizing infrastructures, processes, and costs for secure and scalable cloud environments. Actively seeking a position in the French-speaking region of Switzerland.

Professional Experience

CLS Group - FinOps Leader - Current Position

Sept 2024 - Today

- Led the cloud team to optimize costs, achieving a **15% reduction in AWS expenses** through Savings Plans, automation, and Karpenter.
- Designed and developed FinOps tools using Go and Python.
- Implemented interactive dashboards for budget tracking (Quisight, Grafana).

Skills - FinOps, AWS, Terraform, Python, Gitlab

NEUSTA - Cloud & DevOps Engineer (Freelance – 1 year, 7 months)

March 2023 - Sept 2024

- Provided consultancy for Airbus, deploying highly available cloud services.
- Developed real-time data transfer pipelines using AWS Kinesis (Data and Video Streams) to handle video feeds from onboard cameras and IoT streams from cabin equipment.
- Analyzed client requirements and defined appropriate cloud architectures.

Skills - AWS, Python, Go, Kotlin, Terraform

Aldebaran - Software Engineer (Freelance – 1 year, 5 months)

Nov 2021 - March 2023

- Contributed to Plato and Pepper robotics projects through backend development (FastAPI, SQLAlchemy) and frontend development (React.js).
- Automated development environments using Terraform, Vagrant, and Docker, accelerating delivery cycles.
- Optimized DevOps workflows with modern tools, boosting team productivity.

Skills - Python, AWS IOT, FastAPI, SQLAlchemy, Django

Actia - DevOps Engineer (Freelance – 1 year)

Jan 2021 - Nov 2021

- Designed innovative DevOps and SecOps solutions (Dependency-Track, CycloneDX) for the software factory.
- Implemented robust CI/CD pipelines using Jenkins, Terraform, and Ansible.
- Trained execution teams on best practices for DevOps and cloud-native technologies.

Skills - DevOps, Azure, Jenkins, Docker, CycloneDX

AIRBUS - MLOps Engineer (Employee – 2 years, 2 months)

Nov 2018 - Dec 2020

- Technical lead on the Airbus Cognitive Services (ACS) project, an AI platform built on AWS SageMaker.
- Defined and enforced security rules for critical cloud services.
- Developed backend features in Python and frontend interfaces in Vue.js, ensuring user onboarding for the platform.
- Conducted training sessions for client teams on ModelOps best practices.
- Authored architecture reports to ensure project compliance and scalability.

Skills - AWS, Sagemaker, Vue.js, Python, Gitlab, Cloudformation

Technofy - Cloud & DevOps Engineer (Employee – 10 months)

Jan 2018 - Oct 2018

- Automated cloud infrastructure deployments for Airbus using Terraform, CloudFormation, and Docker.
- Designed and deployed data transfer pipelines in serverless environments.
- Trained teams on cloud-native practices, accelerating the adoption of AWS.

Skills - AWS, Terraform, Docker, Github, Jenkins

Education

Engineering Degree – Software Specialization

2013 - 2018

CESI EXIA, Toulouse
- Exchange semester at UQAM, Montreal.
- Engineering cycle: Advanced studies in software engineering, telecommunications, sciences, and management.
- Preparatory cycle: Fundamentals of computer science and scientific subjects.

Skills

Programming	⬡⬡⬡⬡⬢	Project management	⬡⬡⬡⬢⬢
AWS Cloud	⬡⬡⬡⬡⬡	FinOps - DevOps	⬡⬡⬡⬡⬢

THIBAUD LASSERRE

Cloud & DevOps Engineer

Contact

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Technical stack

- **Cloud** : AWS, Azure
- **Programmation** : Python (Django, SQLAlchemy, FastAPI), Kotlin, Go
- **DevOps** : Gitlab CI, Cloudformation, Terraform, Github Action, AWS CDK, Kubernetes
- **Projet** : SCRUM, JIRA, Confluence
- **FinOps** : FinOps foundation certified, Kubecost, Karpenter

Certifications

- **AWS** Certified Solution Architect - Associate
- **FinOps** Certified Practioner
- **AWS** Certified Developer
- **Kubecost** Technical Certification

Hobbies

- Beekeeping
- Video Games (RPG, STR, MMO)
- Board Games

Languages

| French | ▭ |
| English | ▭ |