Tricart Clément

I'm a Paris-based freelance Cloud Architect and DevOps engineer, designing, coding, and managing cloud infrastructures for companies of all sizes worldwide. Scroll down to learn more about me.

Experience

Follow

DevOps • Sep, 2024 — Nov, 2024

The goal was to migrate infrastructure management code from Pulumi to Terraform.
The infrastructure architecture was modified with a hybrid solution.
All Cloud critical components were redesigned and redeployed with multi region in mind to avoid potential failures.
Integration of the applications deploys.

- GCP / Cloudrun / GKE / CloudSQL / Memorystore
- Gitlab / Terraform
- Metabase

Gosh

DevOps • Apr, 2023 — Jun, 2023

The goal was to define and code the cloud infrastructure for a mobile application.
I did work with the backend developers to provide required cloud components and tools.

- GCP / Cloudrun / Cloudfunction / CloudSQL / Firebase
- Github / Terraform
- Metabase

Crew3

DevOps • Dec, 2022 — Feb, 2023

This company needed a clean and efficient solution to manage their entire infrastructure, from development to production, including CI/CD.
I helped them bootstrap their infrastructure management repository, ensuring a streamlined and scalable setup.

- AWS / ESC+Fargate
- Github / Terraform

Diagrams Technologies

DevOps • Jun, 2021 — Nov, 2021

This company wanted a clean and easy way to manage their entire infrastructure from Dev to production, including CI.
I help them bootstrapping their infrastructure management repository.
Additionally, I implemented an OpenVPN installation, allowing developers to seamlessly access cloud components directly from their workstations.

- AWS / ESC+Fargate / RDS / Cloudwatch / SQS
- Github / Terraform / Ansible
- OpenVPN

MeilleursAgents

DevOps • Oct, 2020 — Feb, 2021

Conducted a technical analysis to evaluate and select the most efficient and scalable solution for the project.
Deployed an API Gateway solution using Kong, allowing all entities within the same business group to

seamlessly access Meilleursagents data through various APIs.

- GCP
- Github / Terraform / Ansible
- Kong

Easyence

DevOps • Jun, 2020 — Aug, 2020

This company managed multiple AWS and GCP cloud accounts, but their IT components were scattered across different repositories and not properly structured.
I rebuilt the entire infrastructure management repository from scratch, consolidating everything into a monorepo for better maintainability and efficiency.
Led DevOps awareness sessions to educate teams on best practices, automation, and collaboration.

- GCP/AWS
- Github / Terraform

Mobility Work

DevOps • Jun, 2019 — Oct, 2019

Mobility Work is a company aiming to develop a community-driven CMMS software.
Due to issues with their previous DevOps team, they tasked me with rebuilding their entire AWS infrastructure from the ground up.
Designed and implemented a proper AWS setup, including VPCs, subnets, OpenVPN, and a Bastion host for secure access.
Deployed a scalable Continuous Integration (CI) solution using custom GitLab Runners and EC2 spot instances.

- AWS / EC2 spot
- Gitlab / Terraform / Ansible
- OpenVPN / Gitlab Runners

MeilleursAgents

DevOps • Jul, 2018 — Mar, 2019

This time, I had to synchronize the infrastructure as code for the data science and web teams.
Initially, we maintained two separate Git repositories—one for the web and one for data science.
To streamline operations, we merged everything into a single repository, ensuring that all teams could manage and maintain the tools used across the company.
Additionally, we integrated Terraform code to provision infrastructure, further enhancing automation and consistency.

- GCP
- Github / Terraform / Ansible / Groovy scripts

OnVaBosser

DevOps • Mar, 2018 — May, 2018

OnVaBosser is a company aiming to eliminate traditional resumes and introduce a new approach to job recruitment.
They tasked me with bootstrapping their infrastructure management monorepo to support their platform.
Created Ansible playbooks to streamline application deployments from staging to production.

- AWS
- Github / Ansible / Jenkins

MeilleursAgents

DevOps • Jul, 2017 — Mar, 2018

Meilleursagents aimed to leverage data mining to revolutionize the real estate industry.
At the time, the data science team was just getting started, and their IT infrastructure was not yet on the cloud.

To accelerate their transition, they required a dedicated DevOps engineer to support their team.
Managed environments from development to production.
Designed and implemented CI pipelines with Jenkins to automate workflows and deployments.

- GCP
- Github / Ansible / Jenkins
- Pyenv

Photobox

DevOps • Mar, 2016 — Sep, 2016

Photobox is a photography brand specializing in printing personalized photo books.
After migrating from an on-premise infrastructure to AWS, they needed a DevOps team to efficiently manage their new cloud environment.
Managed environments from development to production.
Implemented Continuous Delivery pipelines with Jenkins to automate and streamline deployments.
Developed Ansible playbooks to orchestrate application deployments from staging to production.

- AWS
- Github / Ansible / Jenkins

MyLittleParis

DevOps • Jul, 2015 — Feb, 2016

My Little Paris is a group of several brands (My Little Paris, My Little Box, Merci Alfred), all relying on the Symfony framework for their projects.
To support their rapid development, they needed a DevOps engineer to enhance their infrastructure and automation.
Implemented Continuous Integration using GitHub and CircleCI to streamline development workflows.
Automated deployments with Ansible and Capistrano, ensuring smooth and reliable releases.
I collaborated with a hosting company to define and implement hosting strategies, ensuring scalability, reliability, and cost efficiency.

- Octopuce
- Github / CircleCI / Ansible
- Capifony

Euronext

Application Engineer • Jul, 2014 — May, 2015

The New York Stock Exchange (NYSE) had recently sold Euronext, requiring a separation of applications between the two entities.
Additionally, new projects were being launched on the Euronext side, demanding a robust infrastructure and operational support.
Administered hundreds of Linux servers, ensuring stability and performance.
Managed application deployments using custom-built Shell and Python scripts.
Provided on-call support for application monitoring and incident response.
Maintained and improved the monitoring stack using Nagios and RRDTool for real-time system insights.

- Perforce
- Bash / Python
- Nagios / RRDtool

New York Stock Exchange

Application Engineer • Apr, 2011 — Jun, 2014

The New York Stock Exchange (NYSE) had just acquired Euronext, and one of the first major challenges was relocating French production servers to a new hosting facility in England.
This involved redeploying all applications and migrating them from Unix to Linux to ensure compatibility and long-term maintainability.
Administered hundreds of Linux servers, ensuring a smooth migration and stable operations.
Handled application deployments using custom-built Shell and Python scripts.

Provided on-call support for application monitoring and issue resolution during and after migration.

- Unix / IBM AIX / Linux
- Bash / Python

AXA Group solutions

DevOps • Sep, 2010 — Apr, 2011

Axa Group Solutions was developing an anti-money laundering system, but their development team faced challenges in iterating quickly in production.
To accelerate deployment cycles, they hired a dedicated DevOps engineer to streamline their infrastructure and deployment processes.
Managed and administered an ESXi cluster, ensuring optimal performance and scalability.
Automated application deployments within the cluster using custom Shell and Python scripts, improving efficiency and release speed.

- VMware ESXi
- Bash / Python

Direct Energie

System Administrator • Jun, 2009 — Sep, 2010

The company required SysAdmins to efficiently manage their on-premise infrastructure, ensuring stability and performance.
Administered hundreds of Linux servers, optimizing reliability and security.
Managed and maintained JBOSS stacks, ensuring smooth application deployments and operations.

- Linux
- JBoss

Orange Business Services

System Administrator • Jun, 2008 — May, 2009

The company CVF Online Multimedia had just been acquired by Orange Business Services, requiring additional Linux SysAdmins to manage their infrastructure.
At the same time, they were preparing to launch the Orange Cinema Services (OCS) project, demanding a robust and scalable environment.
Administered hundreds of Linux servers, ensuring high availability and performance.
Managed LAMP stacks (Linux, Apache, MySQL, PHP) to support web applications and services.

- Linux
- Apache / MySQL / PHP / Tomcat

France24

System Administrator • Oct, 2006 — May, 2008

The France24 channel (English, French, and Arabic) was preparing for its launch, requiring SysAdmins to manage their on-premise infrastructure and ensure a stable IT environment.
Managed the entire IT system, focusing on Microsoft-related products.
Administered a VMware ESX cluster, ensuring high availability and performance.
Handled Microsoft Exchange account management, supporting user access and email services.

- Microsoft Windows Servers / Active directory / Exchange

Education

Lycée Lucas de Nehou

BAC PRO • 1999 — 2001

Lycée Lucas de Nehou

CAP • 1997 — 1999

Projects

btcgeoprice.com

Developer • 2024 — Present

A world map displaying Bitcoin prices against every currency worldwide.
GeoJSON files are used to visualize each country on the map.
CoinGecko / CoinMarketCap APIs provide real-time Bitcoin price data in local currencies.
Displays the percentage difference between the current price and its all-time high (ATH).

flipclockBTC

Developer • 2025 — Present

A Bitcoin clock that displays the current Bitcoin price alongside rotating Bitcoin quotes.
A fun personal project, now publicly available on my GitLab account.
Designed to run on WT32-SC01 Plus development boards.

Skills

Cloud Architect & Infra as Code

Extensive experience deploying AWS/GCP infrastructures, adapting to diverse technical environments.
Specialized in Ansible and Terraform, with additional experience in Chef, Puppet, and Pulumi for infrastructure automation.
Implemented on-demand and scheduled environments, optimizing cloud costs by provisioning resources only when needed.

CI/CD Pipelines

Skilled in GitLab CI and GitHub Actions, with strong expertise in Jenkins, CircleCI, building scalable CI/CD pipelines for automated deployments.
Designed scalable GitLab Runners on EC2 Spot Instances, optimizing cost and performance.
Whether you have dozens or hundreds of deployments to manage, the architecture will scale and adapt to your specific requirements.

Outside Interests

- Sailing (Holder of all possible certifications/licenses)
- Bitcoin

Social Links

- **Malt**: https://malt.fr/profile/klems
- **Blue Sky**: https://bsky.app/profile/klems.bsky.social
- **LinkedIn**: https://linkedin.com/in/klems/
- **PDF**: static/cv.pdf