Christophe Tappret

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🚗 Driving License : Full (EU)

Skills

Cloud & Infrastructure: AWS, OpenStack, Flexible Engine, Terraform, Kubernetes, Ansible

DevOps & CI/CD: Jenkins, GitLab CI, Docker, Grunt, Rundeck

Security: TLS certificate management, Kyverno, OAuth2-Proxy

Monitoring: Prometheus, Grafana

Middleware: ElasticSearch, RabbitMQ, MongoDB, Nginx

Languages & Systems: Python, Bash, Perl, Linux (Ubuntu, CentOS, SLES)

Methodologies: Agile (Scrum, Kanban), Disaster Recovery Planning (DRP)

Education Certifications

Professional Certifications
Scrum Master PSM1 & PSM2, Kanban
Elastic Search, Rabbit MQ, Kubernetes

Engineering Degree in Electronics & Computer Science | Master's degree
2009, ENSEA, France

Grandes Écoles Competitive Exam (Arts et Métiers ParisTech – Preparatory Classes)
Lycée Ferdinand Buisson, Voiron, France

Scientific Baccalaureate |Leaving Certificate
2004, with honors

Languages

French : Native Language

English : Professional working proficiency

Senior Cloud & DevOps Engineer

Senior Cloud & DevOps Engineer with over 10 years of experience in automation, infrastructure management, and system modernization. Specialist in **Cloud environments** (**AWS**, **Flexible Engine**) and **IaC tools** (**Terraform**, **Ansible**), I work on setting up **CI/CD** pipelines, infrastructure migration, and platform optimization. Experienced in **critical and high-availability environments**, I actively contribute to **system security**, technical debt reduction, and infrastructure monitoring. Agile and proactive, I support teams in continuous improvement and technological innovation.

PROFESSIONAL EXPERIENCE

Cloud & DevOps Engineer — September 2023 - Present
Orange Business Service | Malima — (English-speaking environment)

- Modernized **CI/CD** pipelines and adapted them to **AWS** environments.
- Migrated hosting services to **AWS**: built infrastructure with **Terraform**, developed custom modules, and integrated with **Ansible**.
- Secured and automated **Kubernetes** deployments using **Kyverno**.
- Optimized infrastructure by reducing technical debt (simplified **Ansible** code, managed **TLS** certificates, improved monitoring).
- Managed production environments and resolved incidents on **Cloud** infrastructure, **Kubernetes**, **ElasticSearch**, and **RabbitMQ**.

Cloud & DevOps Engineer — March 2016 – September 2023
SII / Orange Business Service | LiveObjects — (English-speaking environment)

- Designed and improved **CI/CD** pipelines using **Jenkins** and **GitLab-CI**.
- Migrated and modernized infrastructure with **Terraform** and **Ansible** in a **Cloud** environment (**Flexible Engine**).
- Implemented advanced monitoring with **Prometheus & Grafana** and ensured security compliance (certificate management, access hardening).
- Managed and optimized a **Kubernetes cluster**, administered middleware services (**ElasticSearch, RabbitMQ, MongoDB**).
- Executed and enhanced the **Disaster Recovery Plan** (**DRP**) to ensure service resilience.

Cloud & DevOps Engenieer — September 2019 - Present
Orange Business Service | LiveButton

- Automated deployments and updated the **CI/CD** pipeline using **Jenkins**, **GitLab-CI**, and **Artifactory**.
- Migrated and modernized **Ansible** roles to improve configuration management.
- Secured systems and implemented patches across the infrastructure.
- Assisted teams with updates and continuous improvement initiatives.

OTHER EXPERIENCES

- **ERP Development Engineer| NES** (2014 - 2016)

- **DevOps Engineer | Abylsen** (2013 - 2014) (English-speaking environment)
  Managed and monitored intranet systems.
  Designed and implemented a PaaS architecture.

- **Backend Development Engineer | Groupcamp** (2009 - 2013)
  Developed a SaaS platform using Perl & MySQL.

- **Personal Project | Kodi / Crunchyroll Plugin**
  Developed a Kodi plugin enabling interaction with a Crunchyroll account.
  Open-source project available on GitHub. (https://github.com/xtero/CrunchyREroll)