



# Vincent Loupmon

SITE RELIABILITY ENGINEER

## Profile

Site Reliability Engineer with expertise in optimizing complex systems and fostering collaboration for improved performance and efficiency. Skilled in meta-technical aspects, including security, compliance, and governance. Proven track record of driving incident management, streamlining workflows, and reducing costs through effective communication and teamwork.

## Employment History

### Site Reliability Engineer, Cometh, Paris

FEBRUARY 2023 – OCTOBER 2023

- Led infrastructure and automation tooling for a **Blockchain/Web3** company, ensuring compliance with legal and security requirements.
- Managed and developed **CI/CD** pipelines for containerized micro-services using **Docker**, **GitHub** and **Drone CI**, resulting in a 60% reduction in build time.
- Administered and managed multi-zonal **Kubernetes** clusters.
- Managed **GCP** infrastructure as code using **Terraform**, encompassing Clusters, VMs, DNS, networking, IAM etc.
- Performance-tuned middle-ware, including **Nginx**, **Kafka**, **PostgreSQL**, **MongoDB**, **Kong**, and **Drone CI**.
- Designed and implemented complex network typologies across internal and external services.
- Improved data collection, observability, and alerting across the stack using tools such as **Filebeats**, **OpenTelemetry**, **Jaeger**, **Prometheus**, **Grafana**, and **Elasticsearch**.
- Normalized deployment configurations across the board by favouring simple YAML files with light usage of **Kustomize**.
- Managed various database typologies, including **SQL** and **NoSQL**, and optimized queries for improved performance.
- Reviewed the financial impact of technical decisions to ensure cost-effectiveness, resulting in a 25% reduction in infrastructure costs.
- Performed failure recovery, wrote post-mortems, and communicated with support and developers.
- Collaborated with developers to improve product goals and led the implementation of **ISO27001** 2022 cyber part for financial regulation compliance.

### DevOps Consultant, Fortil, Aix-en-Provence

JUNE 2022 – FEBRUARY 2023

At Docaposte, managed highly sensitive Healthcare data (HDS certified) and:

- Took ownership of critical but poorly documented **Kubernetes** clusters deployed through Ansible, successfully sanitizing, updating, normalizing, and documenting them for future use.
- Demonstrated expertise in recovering from esoteric failure modes on said clusters, minimizing downtime and ensuring business continuity.
- Improved existing CI/CD practices, streamlining the deployment process and reducing the risk of errors.
- Performed various systems administration and middle-ware management tasks, including managing **Apache** servers and fixing broken **GlusterFS** storage.
- Demonstrated versatile skills and ability to adapt to new challenges, providing valuable support to the company's IT operations.

## Details

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## Links

[Linkedin](#)

[Github](#)

## Skills

SRE, DevOps, SecOps, FinOps, GitOps

Cloud Infrastructure, Containers, Micro-services

Kubernetes, Docker, Terraform, Ansible

GCP, Linux, Bash, Python, Go, C, C#, Javascript, Typescript

Systems Administration, Networking

Grafana, Jaeger, Prometheus, Nginx, Kong, Datadog

ArgoCD, Istio, Linkerd, CoreDNS, Kafka, Redis, PostgreSQL, MongoDB

Drone CI, Github, Gitlab, Gitflow

Compliance with ISO 27001, NIST, SOC, PCI-DSS, HDS

Crypto, Ethereum, Polygon, Blockchain

Technical Writing and Communication

## Languages

English

French

## Hobbies

Tech & Tinkering

History

Linguistics

Cinema

Literature

Fashion

Vinyl Collecting

Music Making

## Internships

### Junior DevOps Engineer, Bitgen, Paris

JANUARY 2022 — APRIL 2022

As an intern at a crypto-currency staking company, my main task was to containerize and deploy **Ethereum** and Ethereum-adjacent micro-services on **Kubernetes** with a focus on security and availability. I successfully accomplished this task, demonstrating my expertise in containerization and Kubernetes deployment.

In addition to my main task, I also contributed to the company's educational content around crypto-currencies, showcasing my ability to communicate complex technical concepts in a clear and concise manner. I also filled in on web front and back development tasks, demonstrating my versatility and willingness to take on new challenges.

Overall, my internship at the crypto-currency staking company allowed me to apply my technical skills in a real-world setting, while also developing my communication and teamwork skills.

## Education

### Concepteur-Développeur d'Applications, AFPA, Brive-la-Gaillarde

MAY 2021 — APRIL 2022

As a self-taught IT enthusiast since my early teenage years, I decided to pursue a professional career in the field in my late twenties. To gain a solid foundation in software development, I completed a year-long training course focused on software application conception and development.

The course covered a wide range of topics, including software design principles, practical **C#** development, modern **web development** with both client-side and server-side rendering, database design principles, and implementation. I gained hands-on experience with the latest tools and technologies, and developed a strong understanding of best practices in software development.

Throughout the course, I demonstrated a natural aptitude for programming and a passion for problem-solving. I collaborated with my peers on various projects, honing my teamwork and communication skills. Upon completion of the course, I was well-equipped to begin my career as a software developer.