



# G. Camerlingo

SRE · WHALE HUNTER

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*"Hope is not a strategy."*

## Summary

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Hi, I'm a **software engineer**, always eager to learn, strongly interested in **distributed systems**, **cloud native** architectures, **programming** and not least **chaos engineering**. I'm always thrilled to be part of new **technical challenges**, where I can grow my skills, myself and my personal vision of the world. **Open source** is my red pill.

## Education

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COMPUTER SCIENCE AND ENGINEERING

Paris, France

Nov. 2017 - May 2019

- **UNIX**
- **Algorithms & AI**
- **Graphics**
- **Imperative programming**
- **Network & system administration**
- **Rigor**

## Skills

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<b>Programming</b>	C, Bash, Go, Haskell, Rust, LaTeX
<b>Os</b>	UNIX, GNU/Linux
<b>Vcs</b>	Git
<b>Editor</b>	Vim, VS Code
<b>Cloud</b>	GCP, Azure, Aws
<b>CI/CD</b>	Gitlab CI/CD, Github Actions
<b>Monitoring</b>	Prometheus, Grafana, ELK
<b>Infra as Code</b>	Terraform, Packer, Pulumi, Ansible
<b>Containers</b>	Docker, Kubernetes, Helm, Kustomize
<b>Interests</b>	Distributed systems, Functional programming, Site reliability engineering, Embedded devices
<b>Languages</b>	Italian: Native, English: Advanced, French: Advanced
<b>Hobbies</b>	Climbing, Books, Photography, Tactical games, Techno music

## Experience

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### Connecting Food

TECH LEAD

Paris, France

Nov. 2019 - Present

- Lead the **Tech** team:
  - focusing on the **research** part, in order to improve automation, availability, scalability and security
  - adopting a **GitOps** approach to make all the development workflow more fluid and fast
  - train the dev team on **CI/CD** pipelines, **container** based architecture, **automation** techniques

## Connecting Food

DEVOPS ENGINEER | SRE

Paris, France

Jun. 2019 - Present

- Design and code the infrastructure for all the cloud providers in use (**IBM, Azure, GCP**), using:
  - **Terraform** for the provisioning
  - **Ansible** for the configuration management
  - **Docker Swarm** and **K8s** for the orchestration
  - **Docker** for the container based architecture
  - **Prometheus** and **Grafana** for the monitoring part

I applied a **DevOps** strategy from scratch migrating all the previous codebase and all the **CI/CD** pipelines on a private instance of **Gitlab** using **Harbor** as private Docker registry, to ensure the smoothest experience possible on all the environments (dev, testing, staging, prod) deploying +300 containers up and running.

## Photopointcom

DEVOPS ENGINEER | SRE

Paris, France

Mar. 2019 - May 2019

- As the main DevOps I put in production **Spixel** in a top tier leisure park in the west of France.

## 42Genesys

DEVOPS ENGINEER | SRE

Paris, France

Jun. 2018 - Dic. 2018

- I worked in place and remotely as the main **DevOps** in a working team of 10 people, to build an **IoT** project from scratch, proposed by the french company Photopointcom. I designed and coded the **architecture** of the stack, the **pipelines** for **CI/CD**, the **storage** system and the **cluster network** for Spixel: a distributed system connected to several **physical devices** (single board computers, wifi cameras, printers, usb devices, tablet, smartphones) with the main purpose to show, treat and eventually print all the images shot by the photographers.

## Creativechain

FRONT-END/BACK-END DEVELOPER

Remote

May 2017 - Feb. 2018

- I worked full remotely as **external contributor** on the development of the main project, focusing on different tasks. I learned how to manage a more complex work environment, re-using **open source** projects and implementing them. I've deepened my knowledge in **python**, **cross-compiling**, **gpu drivers**, **git** and **node.js**.

## Singin'Flower

FRONT-END DEVELOPER

Remote

Nov. 2016 - Apr. 2017

- I worked full remotely as the main developer to build several projects. I learned how to implement a basic stack using plain **HTML**, **CSS**, **Js**, documenting using **GitBook** and deploying using **GitHub Pages** and **Gitlab CI/CD**.

## Awards

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### CONTEST

Dec. 2018 **1st Place**, Open Source Summit

Paris, France