



# Michée Lengronne

Platform Architect/Engineer (Dipl. Eng.)

0-trust, sovereign, on-premise cloud native data platforms

- Swiss and French
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- LinkedIn: [Michée Lengronne](#)
- Blog: <https://michee.io/en-us/>
- Speak french (native), english (complete) and german (medium level)
- Free from all military obligations
- Valid swiss personal security control ([PSP](#))

## Experience

- Freelance/Consulting: From october 2025 until now.
  - Developing a service based on Kafka and Nifi with Openshift, Stackable and Ansible in a 0-trust and highly sensitive environment. Service contract under NDA in cyberdefense.
  - Architecturing and developing internal tools based on Kubernetes, Ansible, cert-manager, Kyverno, Bird, Jool, Wireguard, Rook Ceph, Cilium...
- Platform Engineer ([Scigility](#)): From march 2022 until september 2025.
  - Architecture of a Big Data platform based on Openshift in a 0-trust and highly sensitive environment. Service contract under NDA in state services.
  - Developing a service based on Kafka and Nifi with Openshift, Stackable and Ansible in a 0-trust and highly sensitive environment. Service contract under NDA in cyberdefense.
  - Developing a Big Data platform on-premise (Trino, Nifi, Airflow, Spark, Metabase, Datahub and Metastore) with Docker Swarm and Ansible in a highly sensitive environment. Service contract under NDA in state services.
  - Developing a Kafka cluster on-premise (KsqlDB, Connect and Registry), air gap on RHEL with Puppet in a highly sensitive environment. Service contract under NDA in institutional banking.
  - Leading the development of a SSO solution between Google Workspace, AWS, Azure and multiple others.
  - Leading the improvement of email security and deliverability (SPF, DKIM, DMARC...)
  - Leading the development of a Big Data (Synapse) platform on Azure with Terraform.
- Co-founder ([Limawi](#) as DevOps tools): From june 2020 until now, developing Limawi. Cloud, DevOps and tools for all of that.
  - Developing a [containerised Concourse-ci Ansible deploy \(french\)](#).
  - Developing a [containerised Vagrant \(french\)](#).
  - Developing a [containerised Hashicorp Vault Ansible deploy \(french\)](#).
  - Step in the [DevSec Hardening Framework](#) organization. Add of [compliance tests for containerized SSH](#). Developing [Github Actions for the dev-sec.io project](#).
  - StackOverflow community help over [containerization questions](#).
- Co-founder (Kookati): From september 2018 to may 2020, a MOOC in cybersecurity.
  - Creation of a [MOOC in cybersecurity evolving in a fictional world \(in french\)](#).
  - French Quora community help in [cybersecurity popularization](#).



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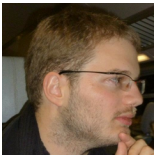
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- Co-founder (MyCrypNet): From september 2016 to may 2020, developing MyCrypNet. An encrypted network.
  - Developing the interaction interface with OpenVPN servers and add on the Jenkins pipeline.
  - Developing additional projects (test containers, base Ansible roles) with Gitlab-CI.
- Co-founder (Limawi as a secure cloud then catalog): From june 2014 to may 2020, developing Limawi, from itis4u.ch. A secure cloud.
  - Setting BDD on the Jenkins pipeline with Cucumber/Capybara/Selenium.
  - Setting OWASP ZAP on the Jenkins pipeline.
- Co-founder (itis4u.ch): From june 2013 to may 2014, developing itis4u.ch.
  - Setting Gitlab-CE and Jenkins in august 2013.
  - Test and deploy of a MariaDB cluster with Ansible ([the original usecase goes back to 2012](#)).
  - Deploy (CD) with Jenkins of the itis4u.ch website. The frontend is done with [Drupal 7](#).

## Some Opensource contributions

- Maintainer of webhook-dnsendpoint: <https://github.com/micheelengronne/webhook-dnsendpoint>
- TXT support of k8s\_gateway: [https://github.com/k8s-gateway/k8s\\_gateway/pull/108](https://github.com/k8s-gateway/k8s_gateway/pull/108)
- Complete TLS support of trino (WIP): <https://github.com/trinodb/charts/pull/300>
- Several contributions to cnspec-policies:
  - Revert the grub audit matchers: <https://github.com/mondoohq/cnspec-policies/pull/191>
  - Add ending slash to match audit rule: <https://github.com/mondoohq/cnspec-policies/pull/190>
  - Use the sudo command to check the configuration: <https://github.com/mondoohq/cnspec-policies/pull/189>
- Several contributions to dev-sec framework:
  - In a container, sshd should not run as root: <https://github.com/dev-sec/ssh-baseline/pull/152>
  - Github actions: <https://github.com/dev-sec/ssl-baseline/pull/32>
  - Debug force\_ssl: <https://github.com/dev-sec/ssl-baseline/pull/30>
  - Update for Inspec 4: <https://github.com/dev-sec/ssl-baseline/pull/29>
- Contribution to Kubespray: <https://github.com/kubernetes-sigs/kubespray/pull/5274>
- Contribution to marge-bot: <https://github.com/smarkets/marge-bot/pull/206>
- Contribution to molecule: <https://github.com/ansible/molecule/pull/2025>



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## Some publications (some in french)

- All about a good password: <https://michee.io/en-us/posts/all-about-a-good-password/>
- One-time Pad: <https://michee.io/en-us/posts/the-one-time-pad/>
- Agile methodology, stories: <https://michee.io/en-us/posts/agile-method-the-stories/>
- Agile methodology, Elevation Of Privilege: <https://michee.io/en-us/posts/elevation-of-privilege/>
- Monorepo, linting de base du projet (*Monorepo, base linting of the project*): <https://www.youtube.com/watch?v=vAEnGMXI-mI>
- Fedora CoreOs (du cloud et de la perruque) (*on cloud and wig*): <https://www.youtube.com/watch?v=cqkyZE7NKr4&list=PLYB02CRM0LXdIAUJFCgu4SbNnABH6DGt0>
- Short : Le carré de Polybe (*Polybius square*): <https://www.youtube.com/watch?v=-srXgXrZ-Ko&list=UUSHgGIFeUJYCxE1OidBlzcRA>
- Short : La congruence, modulo 10 (*Modulo 10 congruence*): <https://www.youtube.com/watch?v=APm7agb1Flk&list=UUSHgGIFeUJYCxE1OidBlzcRA&index=3>
- Stream extract: Diffie Helman en vrac: <https://www.youtube.com/watch?v=xhVg4LgvKi0&list=PLYB02CRM0LXeJQKoEkCCt8w9Yfea7JFwG&index=6>
- Stories : Notions devops: <https://www.instagram.com/stories/highlights/17863269485196585/>

## Formation

- École des mines d'Alès: Engineer from l'école des Mines d'Alès, Information Technology (2008-2013)
- École supérieure de Commerce de Clermont-Ferrand: Master, Business Administration and Management (2010-2013)
- Ruhr-Universität Bochum: Erasmus, IT security *IT Sicherheit* (2011-2012)