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Quick description of my junior profile: I spend 30minutes to 1hour everyday to learn new stuffs (IT related or not), I like to think about code architecture / infra design without otherthinking (I always have this [paper](#) in mind actually) and I'm really good to ramp-up on something new to quickly bring my ideas :)

Experiences

DevOps Engineer @ Cycloid, teleworking - Since October 2019: Cycloid develops a DevOps framework which can be used through the SAAS version or with an on-prem setup.

- contribution to the back-end development in Go (including good practices, unittesting, E2E testing, architecture)
- contribution to InfraMap, an open-source graph generator from Terraform files <https://github.com/cycloidio/inframap.git>
- contribution to Terracognita, an open-source reverse Terraform <https://github.com/cycloidio/terracognita.git>
- contribution to the Cycloid CLI, used by customers to easy Cycloid's daily tasks <https://github.com/cycloidio/cycloid-cli.git>
- customer support (with on-call rotations) and debugging on classicals and cloud native infrastructures
- contribution to the marketing team (blogspot writing or review) to fill the knowledge gaps between marketing and tech (break the silos !)

DevOps Internship @ OptelGroup, teleworking - From March 2019 to October 2019

In my Python middleware developer position, I slowly started to improve the CI/CD pipelines, to deploy things in GCP K8S clusters. I didn't know yet, but I was starting to be interested in devops. That's why I joined the DevOps team (we were 2 actually) to do my final year internship. I did a lot a PoC in this internship, trying to improve current processes and also developed in Python a custom deploying tool fitting the business needs.

Python middleware developer @ OptelGroup, teleworking - From May 2017 to August 2018

First relevant work experience, I joined the middleware developer team of the company to bridge Optel products with third-party serial number providers. I improved a lot my testing skills and my method to architect Python code (and software). It was basic software skills: inheritance, unittesting, abstractions.

Awards

- **First prize of a Hackathon - October 2016 - Québec, Canada:** Service development aiming to bring people together through cultural and artistic events.
- **First prize of a Hackathon - October 2015 - Nancy, France:** Development of an app aiming to reduce CO2 consumption in households.

Volunteering

- **Hackathon organizer:** Around 40 participants, 35 sponsors: theme “digital in the city of tomorrow”
- **PyCon Canada 2016:** Reception staff for speakers and visitors.

IT Skills

About my setup, I run a ArchLinux distro on a ThinkPad X250 (and DWM for the window manager) and try to have something minimalist but resilient for each day. On my free time, I have a gentoo VM running Wayland where I like to spend good fun hours, I also contributed a bit on Gentoo GURU overlay (to add / maintain some Go packages)

On the automation stack:

- Terraform and Ansible: I gave TF training to Cycloid customers and I hack a lot around TF through the various open-source project we have at Cycloid

On the programming stack:

- Go: everything I do it's in Go now. I really like this programming language. The standard lib is awesome, and it's a good compromise between well-architected softwares, details and efficiency.
- Python: I worked as Python developer so I like doing some automation with Python scripts but not more, since dependency management can be annoying
- Hobbies:
 - NASM: trying to understand how computer works and especially network / cryptography stuffs are working by programming simple programs

On the cloud stack:

- GCP lover. I use it for my personal projects, but never get the opportunity to truly use it in production
- AWS: I discovered AWS *after* GCP but almost every Cycloid's customer runs on AWS, so I learned !
- Kubernetes: I'm using it for my personal projects and at Cycloid I shadowed the design of a K8S architecture for a customer + regular user in the company;

About CI/CD:

- I'm proficient with Concourse pipeline engine, which is the main pipeline engine used by Cycloid
- Professional use of GitLab, Jenkins and GH actions

Speaker

- **YouTube Channel:** <https://www.youtube.com/user/wesrdulie/videos>
- **PyCon France 2017:** Python and Kubernetes: from monolithic to microservices application (<https://youtu.be/UBBv4JE1Ros>)
- **Quebec Kubernetes Meetup 2017:** how to split a Python app in microservices with gRPC and Kubernetes.

Studies

- Engineer school @ Polytech Nancy, France - From 2013 to 2019
- Exchange program in electrical engineering @ UQAC, Canada - From 2016 to 2017

Certifications

- AWS: Cloud Practitioner (ID: X8JGHDLK32R1QKGZ)
- Google Cloud Platform: [Associate Cloud Engineer](#)
- AWS: Solutions Architect - Professional (WIP)

Personal projects

- VirtCurse: <https://github.com/tormath1/virtcurse> a ncurses interface for libvirt APIs
- Packer-Libvirt: <https://github.com/tormath1/packer-libvirt> a packer builder to consume libvirt APIs (and allow remote build on KVM in example)
- Plugin: <https://github.com/tormath1/plugin> a wrapper around Go plugin to abstract plugin loading