YACINE SAHLI

DevOps engineer

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SKILLS

Python Java C C++
JavaScript

Google Cloud AWS
Kubernetes Docker
Linux Git

Terraform Terragrunt
Kubernetes Docker
IaC

LANGUAGES

French: Native

English: Bilingual / C2

Chinese: Intermediate / B2

Dutch: Elementary / A2

AWARDS

5th place | Cyber Security Challenge Belgium (CSCBE)

📅 2020

INTERESTS

Pentesting Free software
Weightlifting Entrepreneurship
Distance running

ABOUT ME

I'm an experienced DevOps engineer skilled in Kubernetes, Google Cloud, Terraform, and Terragrunt. I excel in building CI/CD pipelines, Kubernetes management, and tool development (Python, Bash, Node.js). My expertise extends to system monitoring using Prometheus, Alertmanager, and Grafana. I'm passionate about computer science and pursue hobbyist penetration testing on platforms like hackthebox.eu.

EXPERIENCE

Production Engineer (DevOps) | Yahoo!

📅 06 2022 – Current 📍 Taipei, Taiwan

- Working in a Taiwan-US mixed team managing Apache Traffic Server (ATS) clusters serving billions of requests per day for Yahoo web pages, Yahoo finance, Yahoo, Yahoo news, and many more.
- Researched, tested, and documented Ansible integration with our internal CI/CD tool, emphasizing security and comparing it to Chef. Presented best practices to my team and delivered online presentations to other Yahoo teams on using Ansible with our CI/CD tool. Enabled Ansible to manage 1700+ physical servers in Yahoo's global data centers.
- Participate in on-call rotations to uphold the availability of critical web pages for Yahoo, including actively contributing to incident investigations and post-mortem assessments.

DevOps Engineer | Rolo Innovation Inc

📅 07 2021 – 05 2022 📍 Taipei, Taiwan

- Proficient in the utilization of Kubernetes, Google Cloud, Helm, Terraform, Terragrunt, and CircleCI for optimizing operations and workflows.
- Continued to enhance and maintain the Kubernetes cluster, implementing industry best practices such as Pod Security Policies (PSP), rigorous network policies, and encryption using Mozilla's SOPS.
- Orchestrated the establishment of a robust observability infrastructure, incorporating Prometheus for monitoring, Alertmanager for alerting, and Grafana for comprehensive cluster oversight.
- Conducted training sessions for developers, sharing knowledge on Kubernetes concepts and empowering them to craft Helm charts for their backend applications. This initiative empowered developers to autonomously deploy their applications on our Google Kubernetes Engine (GKE) cluster.

Freelance web developer | Self-employed

📅 05 2020 – 05 2021 📍 Mons, Belgium

- Created websites for small businesses by leveraging platforms such as WordPress, cPanel, Netlify, and Hugo to deliver tailored online solutions.
- Established and managed my independent business entity, which encompassed overseeing financial matters, including invoicing and accounting, while concurrently identifying and engaging prospective clients to foster business growth.

- Authored user guides for clients, empowering them to independently manage and customize their WordPress content with confidence.

Cloud developer intern | Necko Technologies

📅 09 2020 – 12 2020   📍 Mons, Belgium

- Contributed to a pioneering project that employed AWS IoT Greengrass to drive predictive train maintenance. Developed a captivating cloud-native predictive maintenance demonstration using a LEGO train model, showcasing a range of advanced technologies, such as AWS, AWS IoT, AWS SageMaker, AWS Lambda, AWS CloudFormation, AWS CloudWatch, AWS DynamoDB, Python, Ansible, JavaScript, and jQuery.

CERTIFICATIONS

AWS Certified Solutions Architect - Associate AWS

📅 05 2023 – 05 2026

https://www.credly.com/badges/be67c5fe-4d1b-4369-9165-81f3288e868e

AWS Certified Cloud Practitioner AWS

📅 04 2023 – 04 2026

https://www.credly.com/badges/d914fb6e-ce27-4e84-8136-4a32413c409b

EDUCATION

Master in Computer Science | Umons

📅 09 2019 – 06 2021   📍 Mons, Belgium

- Thesis: Study of the network mechanisms used by Kubernetes deployments. Advisor: Bruno Quoitin
- Explored and delivered presentations on various computer science topics, including algorithms, Cybersecurity vulnerabilities, and an introduction to cloud computing, as part of our mandatory coursework in English.
- key courses: Advanced computer networking, Cybersecurity, Advanced Operating Systems, and Software Evolution.

Exchange student | National Taiwan University of Science and Technology 國立臺灣科技大學

📅 09 2018 – 06 2019   📍 Taipei, Taïwan

- Computer Science, MBA and Mandarin Chinese courses.

Bachelor in Computer Science | Umons

📅 09 2016 – 06 2019   📍 Mons, Belgium

- Key Courses: Calculus, Database Management, Computer Networking, Artificial Intelligence, Functional Programming, and Linear Algebra.