

David Haven

Devops Engineer



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About Me

I am a jack of all trades working at the intersection of culture, processes, and tools. I have spent the last 6 years working with developers and business stakeholders to deliver cloud environments that are secure, reliable, performant, and cost-optimized.

Work Experience

Devops Engineer

Merapar, technology consulting and engineering

Stack: AWS, Kubernetes, Jenkins, Flux, Terragrunt, Grafana

January 2024 to now
(6 months)

- EKS cluster cost optimization by introducing Spot Instances and best practices for cluster design and management
- Introduce AB-testing as a way to validate features of a new search and recommendation engine that powers many streaming platforms.

System Engineer

Nitro, Inc., PDF and e-sign software for enterprise

Stack: AWS, Kubernetes, ArgoCD, GH Actions, Terraform, Datadog

January 2020 to September 2022
(2 years, 9 months)

Focused on automation, on-demand services, and a strong foundation for developers to ship new features at a rapid pace. Key contributions:

- Migrated the production environment from Mesos to Kubernetes hosted in AWS (EKS)
- Improved collaboration with developers and automation around Infrastructure as Code changes (Terraform)
- Performed many security enhancements and refactoring such as automated IAM roles rotation, migration to AWS secrets manager for storing micro-service secrets.
- Cost saving improvements by right-sizing instances in our Kubernetes clusters and introducing best practices for resources management.

System Engineer

TMO Group, an ecommerce agency for Chinese and Asian markets

Stack: Nginx, Docker, AlibabaCloud, Magento, bash, zabbix

January 2018 to October 2019
(1 year, 10 months)

Learning the ropes of containerization and building in the cloud. Key contributions:

- Deployment and management of cloud environments based on containerized workloads.
- Simplify container management by introducing Kubernetes.
- Migrating the monitoring stack by introducing influxDB and Grafana. The additional data provided by the dashboard allowed us to quickly respond to downtime and improve performance of the websites we were hosting

Education

Sept 2012 - June 2017

- Bachelor and Master degree in Computer Science from Université Catholique de Louvain in Belgium.

Sept 2015 - June 2016

- One year study abroad program (1st year of Master degree) at Yonsei University in Seoul, South Korea.

Languages

- French (native)
- English (fluent, IELTS English language proficiency test level C1)
- Chinese mandarin (intermediate, HSK standardized test of Chinese language proficiency level 4)