

Henri Vandersleyen

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Fr, En, 中文

[Github](#)

Experience

Intermediate DevOps Engineer 2023 - Present Atreides

- SysAdmin of AWS, Azure, Gitlab, ArgoCD
- Proficient in Linux, Terraform, Kubernetes, Ansible, Helm, DevOps and GitOps pattern
- Integrates ChatOps services into slack
- Familiar with Vault and Terraform Cloud
- Proactive in automating areas that are susceptible to human error
- Keep security and potential vulnerabilities in mind when building new services
- Foster the team spirit and resilience

Jr. DevOps Engineer

2022 - 2023 Atreides

- Learned how to use ArgoCD to control services using GitOps declarative pattern
- Created the Atreides CICD Gitlab pipelines, which control testing, server, releases, and more
- Packaged Atreides microservices into a helm chart for SaaS
- integrated new architecture on AWS using Terraform
- created custom Kubernetes deployment for our microservices
- configured remote servers using ansible scripts
- Incorporated Test Driven Development (TDD) with cypress and jest into the CICD pipeline

Fullstack Software Developer

2021 - 2022 Aviary Tech

- Created a blockchain miner using the Command and Query Responsibility Segregation ([CQRS](#)) pattern, paired with a svelte frontend
- Created DevOps pipeline, workflow automation, applied Test-Driven Development (TDD) using Jest and cypress
- Mentored and taught non-developers how to use javascript and the Svelte framework, and;
- Created smart UI/UX that engages the user

Henri Vandersleyen

Lt(N) Marine Engineering Officer
2007 – 2020 Royal Canadian Navy

- Retired as a Marine System Engineering Officer where I informed, advised, and recommended technical courses of action to non-technical superiors during normal operations, wartime, emergency operations
- Acted as the deputy program manager at the Naval maintenance facility, advising ship captains on repair needs and priorities
- Counselling and mentored junior peers for success at board examinations and at-sea operations

Side Projects

Home lab

Created a home lab using a cluster of raspberry pis, Ansible and k3s to host my private cloud

Stack: Raspberry pi, K3s, Ansible, Helm, Kubernetes, DDNS

Dotfiles

Created a program to configure my multiple Linux environments properly and effortlessly

Stack: Bash, Linux, Lua, Elisp

Education

Data Science Diploma

2020 Lighthouse lab

Completed an intensive program in data science, gaining expertise in statistical analysis, machine learning, and data visualization. Developed skills in Python and SQL, and applied them to real-world projects in areas such as predictive modeling, natural language processing, and recommendation systems.

B.Sc. Electrical Engineering

2008 - 2012 Royal Military College Canada

Earned a degree in electrical engineering, with a focus on signal processing, control systems, and power generation. Gained hands-on experience through lab work and projects, and developed strong analytical and problem-solving skills. Received training in leadership, teamwork, and communication, as well as military training and physical fitness.

Professional Qualifications

P.eng, Engineers and Geoscientists BC (non-practicing)