

Henri Vandersleyen

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[Github](#)

Experience

DevOps Engineer

2023 - Present Operto

- Proficient in Linux, Terraform, GitHub Actions, DevOps and GitOps pattern
- Used Terraform to declaratively import and configure AWS Cloud
- Pursued the AWS Solution Architect
- Consolidated AWS Resources for cost-saving measures
- Migrated legacy infrastructure and deployments in AWS

DevOps Engineer

2022 - 2023 Atreides

- Managed company's AWS, Azure, Gitlab, ArgoCD
- Demonstrated proficiency in Linux, Terraform, Kubernetes, Helm, and DevOps and GitOps patterns
- Proactively automated areas that are susceptible to human error
- Prioritized security and addressed potential vulnerabilities when building new services
- Fostered team spirit and resilience
- Developed CI/CD GitLab pipelines for testing, server management, releases, and more
- Packaged Atreides microservices into Helm charts for SaaS;
- Created custom Kubernetes deployment for our microservices.

Fullstack Software Developer

2021 - 2022 Aviary Tech

- Developed a blockchain miner using the Command and Query Responsibility Segregation (CQRS) pattern using NestJS
- Established GitHub pipelines and workflows, and applied Test-Driven Development (TDD) using Jest and Cypress
- Mentored non-developers in JavaScript and the Svelte framework
- Created smart UI/UX that engages the user

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

- Retired as a Marine System Engineering Officer, providing technical advice and recommendations to non-technical superiors during operations, emergencies, and wartime scenarios
- Served as deputy program manager at the naval maintenance facility, advising ship captains on repair needs and priorities
- Counseled and mentored junior peers for success in board examinations and at-sea operations
- Held Charge of ship operations while in port ensuring crew safety

Projects

Professional Website

Created a sveltekit dockerized app running in a kubernetes self-hosted environment using Kubernetes, dns, argocd and gh actions for continuous integration and deployment.

Vancycles industries

Fullstack React application to buy, sell, and service 3d printers, cnc machine, lathes, etc. Self hosted on Linode, uses Kubernetes, supabase, resend, dns, stripe.

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.