[**Henri-Vandersleyen@protonmail.com**](mailto:Henri-Vandersleyen@protonmail.com)

**Phone: 250-886-5099**

**Victoria, BC, Canada**

**Fr， En， 中文**

[**Github**](https://github.com/Vanderscycle)

**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**](https://me.vandersleyen.dev/)

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.