Roch D'Amour

DevOps, Site Reliability Engineering &
Platform Engineering

- Montréal Area, Qc, Canada
- @ roch.damour@gmail.com
- 🔗 notarock.lol

Skills

Programming Languages
Proficient in programming languages including Golang, Python, Typescript, Nix and Java

Cloud Services Providers
Worked with AWS for years, branched out to GCP and Azure in the past 2 years.

Linux
Strong knowledge of Linux internals. Expertise in automating configuration and management of large-scale systems with Ansible/Nixos.

Interests

Outdoor Sports
Hiking, Fishing, Gardening, Kayaking, Snowboarding

Art
Drawing, Animation, Calligraphy

Projects

Homelab
Hosting FOSS and personal services on my home servers running Kubernetes.
🔗 Lab Reports
- Serve internet-facing websites and services from home
- Automate every non-programming tasks using Github Actions & Argo-CD.

Slopify
Short-form content generation
🔗 Slopify Project Page

Technews-bot
Technology news aggregator for Discord
🔗 Public Repository

Certifications

GitHub Administration
🔗 Credly

Terraform Associate 003
🔗 Credly

Languages

French
First Language

English
Fluent, spoken & written

Spanish
Learning for future travel

Experience

Arctiq ⊕ — Since 04/2023
DevOps Consultant — Canada

- Build enterprise-grade software delivery pipelines for a financial institution using Harness, speeding up their CI/CD processes by 2x.
- Led the modernization of a 500-developer team by implementing GitHub, branching strategies, and GitHub Actions to enhance continuous integration and delivery.
- Built strong rapport with partners, enhancing confidence in collaborating with Arctiq on future projects.
- Developed and delivered a Terraform workshop for 20 students, enabling them to become autonomous in infrastructure management using code.
- Provided thought leadership on Platform Engineering which helped the company grow its "Developer Experience" practice area.

Stingray Digital ⊕ — 01/2022 - 04/2023
Site Reliability Developer — Montréal, Canada

- Built CLI tools and pipeline plugins to provide a comprehensive and easy-to-use CI/CD experience for all developers using Golang.
- Developed Kubernetes operators that automatically manage cloud resources such as back-up jobs, service networking and IDP integration.
- Designed the 'Application Security Criticality Score' metric to automate the classification of software repositories based on security requirements.
- Deployed a SIEM solution across all AWS environments to enhance overall security posture.
- Documented processes with a product-centric approach to foster self-serve capabilities and improve development team autonomy.

Civalgo ⊕ — 01/2020 - 12/2021
DevOps Developer — Montréal, Canada

- Designed, developed, and released front-end and back-end software features using the Shape-Up methodology with TypeScript.
- Developed and optimized reusable CI/CD pipelines for core web services, reducing the whole release and deployment process from an hour to 10 minutes.
- Deployed an open-source monitoring stack using Prometheus & Grafana, reducing the mean time to detection of outage by a minimum of 2 hours.

Education

École de Technologie Supérieur (ETS) — 2023
Software Engineering — Bachelor's Degree
🔗 etsmtl.ca (French)

Cégep de Granby — 2017
Computer Science Technology — Diploma of College Studies
🔗 cegepgranby.ca (French)

Volunteering

Club Cedille — 2017-2021
Member/Captain — Montréal, Canada
🔗 cedille.etsmtl.ca

- Established the club's DevOps practice by providing website development and hosting services for other student clubs.
- Led the team to victory at the HackQC 2019 Hackathon in collaboration with App|ETS.
- Organized Tech-Talks and conferences to share knowledge with the students community.