

Yulia Kluev

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OBJECTIVE

Seeking a career transition into Full Stack or Back-End while leveraging skills learned in DevOps roles.

WORK EXPERIENCE

NerdWallet

San Francisco, CA

DevOps Engineer

August 2023 - August 2024

- Enabled 32 services to transition to **Amazon EKS** easily, while ensuring compatibility and best practices by designing and implementing **Helm** chart tooling in **Python** with **GitHub Actions**
- Increased usability of our **Argo CD** tooling by adding **JIRA** and **GitHub** integrations, enabling developers to see PR and JIRA ticket information for each deployment in the Argo CD UI
- Participated in 24/7 on-call rotation. Responded to incidents by leveraging runbooks, dashboards, inspecting relevant EKS clusters, analyzing logs, and collaborating with engineers across teams
- Improved incident response process by updating runbooks and **Terraforming** new metric monitors and dashboards in **Datadog** to detect incidents across production and staging environments
- Promoted adoption of best practices for local development on EKS by writing technical documentation comparing design decisions between choosing **kind** vs. **minikube**

Nerdwallet

Toronto, ON

DevOps Intern

January 2022 - August 2022

- Owned and implemented 'HTTP Redirector using Cloudflare Workers KV,' a project to increase NerdWallet ad revenue by improving SEO ranking through faster redirects at scale. Gathered requirements, aligned stakeholders and drove this project end-to-end
- Established a baseline for legacy system's performance by creating Route 53 health checks using **Terraform** ahead of implementing project
- Assessed project's code quality and performance by writing integration tests and implementing monitors and dashboards in **ELK** and **Datadog**

Sheertex

Montreal, QC

Systems Engineering Intern

January 2021 - May 2021

- Developed modular embedded software for an **IoT** device that counts the number of items processed deployable to any machine on the factory floor via support for fine-tuned settings
- Built a mechanism to hot-reload device configuration using **MQTT** messaging, enabling quick iterations and less downtime on the factory floor
- Reduced development time by migrating codebase from Arduino to **ESP-IDF**, adding support for unit tests and debugging

Octane Biotech

Kingston, ON

Systems Engineering Intern

May 2020 - August 2020

- Increased testing throughput for incoming circuit boards by **15x** by designing and implementing a configurable Hardware Test Automation Framework using **Python**
- Built web app to store test data using **Django** and **SQLite**
- Authored validation plan, test specification, and documentation according to company regulations

EDUCATION

University of Waterloo

Waterloo, ON

BASc in Computer Engineering

June 2023

SKILLS

Python, C/C++, Rapid Prototyping, Test-Driven Development, Presenting, Technical Writing, AWS, Argo CD, Docker, GitHub Actions, Datadog, Kubernetes, Terraform, GitOps, ELK, Java, Kotlin, Tensorflow

