

Kaitlyn Gatineau

Software Developer | DevOps Engineer

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TOOLS + TECHNOLOGY

Languages: Python • Java • NodeJS • Ruby • shell scripting

Tools: IaC (Puppet, Terraform) • CI/CD (Jenkins) • system/network monitoring (Nagios, AWS CloudWatch, Snort IDS) • data/metric collection (collectd, statsd, Graphite/Carbon) • data/metric analysis (Grafana, Kibana, Elasticsearch) • containerization (Docker, Kubernetes)

Cloud Platforms: AWS • Rackspace

PROFESSIONAL EXPERIENCE

Betable

Oct 2022 – Mar 2024

Junior DevOps Engineer

Optimized, maintained and monitored two stacks using various IaC, CI/CD, automation and monitoring tools. Assisted the development team as necessary with their system-related needs. Notable projects:

- Transitioned our infrastructure of over 60 Ubuntu instances from the legacy Linux netfilter tool iptables to the current tool, nftables.
- Met compliance needs of the business by Terraforming logic that monitored our AWS root account, EC2 instance and IAM user API usage.
- Wrote several automation scripts, including one that automated the process of migrating an existing set of Whisper time-series database metrics to a new Graphite cluster.
- Introduced Cassandra Reaper, an anti-entropy database repair program to our Cassandra 4 stack.

Freelance

Aug 2022 – Oct 2022

Front End Developer

Met with the client to discuss requirements and updated the front end of their CRUD web application using Ruby, ERB and Tailwind CSS.

EDUCATION

Algonquin College of Applied Arts and Technology

Aug 2022

College Diploma – Computer Programming

GPA 3.9

EXTRACURRICULAR

Femmes and Thems in Tech

Jan 2022 – Feb 2023

Community Manager

Led the moderation team of a global networking community that included over one thousand gender minorities in tech.

Pear – the Discord User Pairing Bot

Aug 2022

Python Project

Automated the process of pairing up individuals who reacted to a message into groups of two for networking purposes. Wrote unit tests to verify the functionality of the code.