

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

Junior DevOps Engineer

Oct 2022 – Mar 2024

Betable Technologies

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 security 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.

Front End Developer

Aug 2022 – Oct 2022

Freelance

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 – Ottawa, ON

GPA 3.9

EXTRACURRICULAR

Community Manager

Jan 2022 – Feb 2023

Femmes and Thems in Tech

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

Python Project

Aug 2022

Pear – the Discord User Pairing Bot

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