

Kaitlyn Gatineau

DevOps Engineer | Software Developer

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TOOLS + TECHNOLOGY

Languages: Python • Java • NodeJS • Ruby • shell scripting (bash/sh)

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) • Git • Cloud Platforms (AWS, Rackspace)

PROFESSIONAL EXPERIENCE

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:

- Created customizable Puppet modules that managed iptables/nftables rules for over 60 Ubuntu instances located in two separate cloud platforms (AWS and Rackspace).
- Wrote a Terraform module that utilized AWS Lambda to notify high-profile API usage across multiple regions via SNS/PagerDuty, which allowed the business to meet security compliance needs by notifying all IAM root API calls logged in CloudTrail in real time.
- Automated Pegomock and Swagger generation processes via Makefile targets that eliminated room for error and saved the development team roughly one hour per story, per developer.
- Quickly implemented and configured Cassandra Reaper, an anti-entropy database repair program to our Cassandra 4 stack to replace the incompatible Thrift-based repair system used on our legacy Cassandra 2 stack.

Front End Developer

Aug 2022 – Oct 2022

Freelance

Collaborated and refined requirements with the client and updated the front end of their CRUD web application using Ruby, ERB and Tailwind CSS, boosting

EDUCATION

Algonquin College of Applied Arts and Technology

May 2020 – Aug 2022

College Diploma, Computer Programming – Ottawa, ON

GPA 3.9

EXTRACURRICULAR

Femmes and Thems in Tech

Jan 2022 – Feb 2023

Led the moderation team and all social media platforms for a global networking community that included over one thousand gender minorities in tech.

Pear – the Discord User Pairing Bot (Python)

Aug 2022

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.