CAMILLE OWENS

Personal Info

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https://kuhmil.github.io/

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Denver, CO

Education

University of Colorado Boulder
B.A. in Computer Science, 2017

Programming Skills (Proficient)

Python
SQL
Linux (Bash)
YAML
JSON
AWS

Programming Skills (Familiar)

HTML
CSS
JAVA
C++
Arduino IDE

Business Skills

Bilingual French
Strong team player
Organized
Results oriented
Adaptable

Citizenship

American
British
French

Work Experience

DevOps Developer – Big Data Team | *Shaw Communications*
January 2020 – Current.

- Moving onprem services to AWS by building out infrastructure to support automation, monitoring and continuous development
- Created and maintained fully automated CI/CD pipelines for code deployment using Cloudformation, Codebuild, Codedeploy, Bitbucket and Git
- Monitoring projects involved Cloudwatch alarms, logging, alerting integrating 3rd party services with the use of Opsgenie and Lambdas.
- Composed Python scripts to create auto-healing processes, limit manual input and accelerate daily tasks.
- Reduced development by creating SNS topics that triggered a lambda which notified a Slack and/or Teams channel. Topics could be integrated into any project.

DevOps Engineer – Release Team | *Zayo Group*
June 2018 – January 2020

- Supported building new systems environments, and upgrading/patching existing ones, through the use of automation tooling; build and test automation tools for infrastructure provisioning
- Formulated and developed new ideas to improve development delivery.
- Created and maintained fully automated CI/CD pipelines for code deployment using GitLab, Copado, and Powershell
- Managed GitLab repositories and permissions, including branching and tagging
- Composed scripts to accelerate testing time

Projects

Sound Reactive Infinity Table

- Installed an infinity mirror on the base of a coffee table that was sound reactive
- Utilizing an Arduino, the color of the LEDs would turn on when the sound sensor picked up on noise
- LED's colors change at different frequencies

AWS IOT Temperature Tracker

- AWS hosted website to track temperature in real time which can be found here - intersense.info
- A Raspberry Pi monitors temperature readings that are sent to Dynamo DB and S3 using IoT services within AWS
- The static website uses a domain registered with Route 53 and the configuration is stored in an S3 bucket
- Cron jobs run every 24 hours to collect temperature data