CALVIN LI

Cloud Engineer

Cloud Engineer with a passion for optimizing software delivery through robust CI/CD pipelines, automation, and Infrastructure as Code (IaC). Demonstrated expertise in leveraging AWS services for scalable and efficient cloud solutions. Proven commitment to delivering high-quality code and fostering collaborative teamwork. Motivated by a drive for continuous improvement in DevOps practices.

@ contact@calvinli.dev
in linkedin.com/in/calvin-li96
 github.com/calvin-li-developer

Skills

Languages

Python · JavaScript · Typescript · Bash · YAML · React.js

Technology & Tools

Git · GitHub · GH Actions · Docker · AWS CloudFormation · Terraform · Bitbucket · JFrog Artifactory

Platforms

Windows · Mac OS · Linux

Work

Bank of Montreal   Toronto, ON   June 2022 - Present
Cloud Engineer

- Orchestrated the design, administration, and execution of CI/CD pipelines (prod/non-prod) on GitHub, leveraging GitHub Actions, AWS ECS, Fargate, and custom Docker Images
- Collaborated cross-functional teams to construct, maintain, and ensure compliance with banking standards for customized module packages using AWS CDK and CloudFormation templates. Enforced best practices for testing and linting
- Designed, built, and managed an automated pipeline for AWS Cognito Authentication, acting as the central hub for API calls across the entire team of cloud developers. Successfully modernized the system by phasing out obsolete practices, notably the use of API Keys in the bank

Projects

Weather App · GitHub · Demo   Waterloo, ON   November 2021
Software Developer

- Written with React.js
- Backend using openweathermap API
- Validation of user input based on API limitations

Tic Tac Toe · GitHub · Play   Waterloo, ON   November 2022
Software Developer

- Implemented with HTML5 and CSS utilizing ES6 standards
- Option to face against a computer (PVE)
- Responsive to mobile and desktop displays

Education

Bachelor of Science: Computer Science   Waterloo, ON   April 2022
Wilfrid Laurier University

Diploma: Computer Programmer   Ottawa, ON   April 2016
Algonquin College

Licenses & Certifications

AWS Certified Cloud Practitioner   Online   July 2023
Amazon Web Services (AWS)

React.js Essential Training   Online   July 2020
LinkedIn Learning

Node.js Essential Training   Online   July 2020
LinkedIn Learning

Git Essential Training: The Basics   Online   June 2020
LinkedIn Learning