CALVIN LI

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○ github.com/calvin-li-developer

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. Key skills include:

Cross-Functional Communication, Collaboration & Leadership / Technical Reporting & Documentation / Corporate & Regulatory Compliance / Business & Data Analysis / Cloud Engineering / Design & Implementation

TECHNICAL SKILLS

Languages

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

Technology & Tools

AWS · Git · GitHub · GH Actions · Docker · Terraform · Bitbucket · JFrog Artifactory
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CloudFormation · Amazon Cognito · Lambda · S3 · ECS · CloudWatch · RDS · DynamoDB · IAM · VPC · WAF · Cloud9 · CloudTrail · Fargate · KMS · Resilience Hub · ECR · QuickSight · Route53 · Service Catalog

Platforms

Windows · Mac OS · Linux

WORK EXPERIENCE

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
- Lead triage efforts for the DevOps Team, managing daily support tickets through collaborative meetings with the Cloud Support Team. I offer crucial support to junior DevOps team members, leveraging expertise in triage issue resolution. Optimizing resource allocation, I assign tickets based on sprint bandwidth, ensuring an efficient workflow. My role involves making final decisions on whether a triage ticket falls under our support purview
- Strategically design, execute, and oversee compact automation initiatives aimed at eliminating bottlenecks resulting from manual processes. These projects effectively streamline operations, ensuring seamless development workflows for various cloud teams

PROJECT WORK

Weather App · GitHub · Demo, Waterloo, ON   November 2022
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   April 2022
Wilfrid Laurier University, Waterloo, ON

LICENSES & CERTIFICATIONS

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