Kyle Strong

Software engineer specializing in cloud architecture and DevOps methodology. Experience in client-facing positions and AWS services.

WORK EXPERIENCE

Web Developer, Hawk Development

Toronto, ON • September 2021 — Present

- Wrote well-structured, efficient and testable code in JavaScript, HTML, and CSS using best software development practices.
- Partnered with product managers and designers to deeply understand the needs of users and design accordingly.
- Tested and debugged the website's code in various browsers to ensure proper performance and output.

PROJECTS

Personal Website

- Built using Bootstrap HTML, CSS and JavaScript.
- Static content hosted on S3, distributed through Cloudfront, secured using ACM and linked to a third-party domain.

Terraform

- Web app infrastructure built using Terraform. Launches services include Route 53, EC2, S3, and ALB as well as incorporating Consul services for a more rigid application.
- Application structured in a file system directory utilizing three backend systems: global, production, and staging.

Kubernetes / Docker Monitoring App

- Python scripted Flask application used to monitor user's computer CPU and memory usage.
- Containerized with Docker, hosted in ECR and managed using EKS.

Serverless To-Do App

- Serverless application built using Vue, Lambda, DynamoDB and API Gateway.
- Lambda function sends inputted task to DynamoDB table, Vue initiates Lambda GET function to pull stored tasks and lists them on the interface.

Three-Tier Architecture

- VPC designed with public web tier, private application and database tier.
- Internet Gateway passes traffic through NAT Gateway to private EC2 Auto-Scaling Group. Processed traffic then queried to RDS instances. All routes managed in route table.

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EDUCATION

Sheridan College

Oakville, ON
2020 — 2021
Software Engineering

McMaster University

Hamilton, ON
2017 — 2018
Bachelors Of Commerce

CERTIFICATIONS

Certified Solutions Architect - Associate
AWS

Certified Cloud Practitioner
AWS

TECHNICAL SKILLS

AWS Architecture
Kubernetes   Terraform
Docker   Front-End
Java   Python   SQL

PERSONAL STRENGTHS

Analytical

Interpersonal

Decisive

Self-Dependent

Adaptable