

# KYUNGCHEOL KOH

## DATA ENGINEER

### CONTACT



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github.com/kckoh



Vancouver, BC, Canada

### SKILLS

**Programming Languages:** Python, Java

**SQL/NOSQL:** PostgreSQL, DynamoDB

**Framework:** FastAPI, Spring Boot

**AWS:** EC2, S3, Lambda, Elastic Beanstalk

**CI/CD:** Github Actions

**Others:** Airflow, Docker, Swagger, K6

**ETLs**

### EDUCATION

**Trinity Western University**

**Computing Science, B.S.**

Sept. 2016 - Dec. 2022

### WORK EXPERIENCE

#### Data Engineer

Beam Data / Toronto, Canada

April 2023 - present

- Developed an **ETL** pipeline using **Airflow**.
- Ingested data from Google Analytics Reporting API to **PostgreSQL**.
- Implemented data quality checks to ensure data integrity, including data types and duplication validation.

#### Software Developer Intern

HISP Rwanda / Kigali, Rwanda

[Google Play](#) | 05/2021 - 07/2021

- Part of a software company that develops healthcare applications for the Rwandan government
- Designed and prototyped a **React native** based on the functionality of the previous website functionality that allowed people entering Rwanda to upload their COVID documents

### PROJECTS

#### Good Night Hackathon

Techer / Silicon Valley Online

[Github](#) | 25/02/2022

- Developed **RESTful APIs** for restaurant review with **Spring Boot**, given specific requirements with a group of people in 30 hours
- Implemented a **soft delete** API for restaurants that helps protect data from accidental or malicious deletion
- Applied **pagination** to the search API that can be queried in order or reverse orders

#### Kindergarten Website

Gospel Nursery and Primary Kindergarten / Kigali, Rwanda [Website](#) | [Github](#) | 02/2023 - 03/2023

- A responsive kindergarten website for a real school that allowed most of the information to be accessed from a single page
- Implemented **CI/CD** with **GitHub Actions** to deploy a dockerized **Spring Boot** application to AWS **Elastic BeanStalk** and deploy a react app to **S3**

#### Fish Classifying Website

Techer / Silicon Valley Bootcamp / Team Project

[Medium](#) | [Github](#) | 12/2022 - 02/2023

- Developed a web REST API server with **FastAPI** and **SQLAlchemy** that implements search and chart APIs
- Incorporated **Swagger** to automate an API documentation
- Implemented **Nginx** as a reverse proxy to manage incoming traffic
- Performed stress testing using **K6**