


# Aashish Balaji

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## Profile

I'm a software developer based in Toronto and I co-created Triage , a Kafka consumer proxy built for polyglot microservice environments. I have multiple years of experience working with Go, JavaScript, Ruby, SQL, and am also versed in AWS and Docker.

## Technical Experience

### Co-Creator, Software Developer,

2022 – present

Triage (<https://team-triage.github.io>) 

- Designed and implemented an open-source proxy for Apache Kafka consumers using goroutines for concurrency.
- Led implementation of a gRPC service using protocol buffers for Triage to communicate with downstream consumer applications.
- Designed components and database schema to aggregate data from incoming events and store corrupted messages using Amazon's DynamoDB.
- Automated an infrastructure deployment strategy using AWS Cloud Development Kit (CDK).
- Led Docker containerization of our service for successful deployment to an Amazon ECS cluster.
- Built a CLI tool in JS (published on NPM) that manages Kafka configuration and authentication, deploys our service to AWS, and handles teardown.
- Authored and edited a technical case study to showcase our design and architecture - <https://team-triage.github.io/case-study>

### Full-Stack Web Developer - Selected Projects

2021 – 2022

- Request-Djinn - An HTTP webhook inspector built using a MERN stack and PostgreSQL, hosted on a DigitalOcean Droplet.
- Shopping Cart - A Docker containerized e-commerce app built with JS, Express, and MongoDB.
- Todo List - a task tracker built using Ruby, Sinatra, and PostgreSQL.

## Professional Experience

### English Teacher

2015 – 2021 | Tokyo, Japan

- Designed curricula for ESL and English immersion classes for Japanese high school students in grades 6-12.
- Taught grammar, writing, and debate classes in both solo and team-teaching styles.
- Trained and assisted newer English teachers with lesson planning, grading, and communication.

## Skills

### Languages

Go, JavaScript, Typescript, SQL, Ruby, HTML/CSS

### Frameworks & Libraries

React, jQuery, Express.js, Node.js

### Databases & Cloud

PostgreSQL, MongoDB, AWS (EC2, ECS, IAM, CloudWatch, CloudFormation, Fargate), DigitalOcean, Heroku

### Tooling & Networking

Git, Docker, gRPC, HTTP/REST, Nginx, Linux, DOM

## Education

### Software Engineering, Launch School

2021 – 2022

Mastery-based full-stack software engineering program with a focus on programming fundamentals through written assessments, live coding interviews, and take-home projects.

### B.A. Psychology, Lakehead University

2015