

Michael Jung

Software Engineer

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Profile

I'm a software engineer in the San Diego, CA area with multiple years of experience in technologies including Go, JavaScript, React, SQL, MongoDB. I've deployed projects to AWS, Digital Ocean, and Heroku. Most recently, I designed and created Triage, a service for Kafka consumers that solves head-of-line blocking.

Technical Experience

Co-Creator, Software Engineer, 2022 – present
Triage (team-triage.github.io) ✉

Triage is an open-source consumer proxy for Apache Kafka that solves head-of-line blocking caused by both poison pills and non-uniform consumer latency.

- Led the prototyping and planning phases of the development lifecycle
- Collaborated with a fully remote team of engineers on a daily basis
- Built Triage using Go, gRPC, Docker, and AWS (Fargate on ECS & DynamoDB)
- Built Triage's client library in Go ([trriage-client-go ✉](#)), used by consumer applications to interact with Triage
- Built a deployment command line interface, distributed as an NPM package ([trriage-cli ✉](#))
- Authored technical [case study ✉](#) for Triage, specifically design challenges and implementation sections

Launch School 2021 – 2022

Developed a foundation for software engineering through mastery-based learning. Gained a strong familiarity with JavaScript and Ruby, as well as React, Express, RDBMSs and NoSQL DBs. Built projects including:

- Request Djinn - An HTTP webhook inspector built using the MERN stack & PostgreSQL
- Notes - A browser based note taking application build using the MERN stack
- Contacts Manager - A simple light CRM for managing contacts built using the MVC pattern with NodeJS, Express, and Handlebars

Skills

Go Programming Language

Concurrent Programming via Goroutines, Synchronization, Module & Package Management

Network Communication

HTTP & gRPC (HTTP/2)

Containerization

Docker & Dockerhub

Apache Kafka

Consumer Application development via confluent-kafka-go

Git/Github

JavaScript

Node & Browser-based, Express, React, Handlebars

Ruby

Sinatra, Gems, Puma, ERB, Bundler

Education

Capstone Program, Launch School 2022

BS, Business Management, 2020
Western Governor's University