

Tay Wee Leng Kelvin

3-38-3, Uehara, Shibuya-ku, Tokyo 151-0064

+81 80 3082 4784 | kelvintaywl@gmail.com | <https://github.com/kelvintaywl>

Trilingual backend engineer who enjoys being in diverse teams, as well as the kitchen.

I tend to nerd out on getting the most out of CI pipelines.

Experience

Backend Engineer (SmartData), Moneytree, Tokyo | May 2019 - Present

Serverless # AWS Glue # AWS Athena # AWS Cloudformation # Protobuf

- Increased deployment speed (3X) through effective practices on CircleCI
- Instituted serverless ETL pipelines by creative integration of AWS Athena and S3 APIs
- Empowered cross-team development via automated SDK releases in Ruby & Python
- Championed automation improvements as a main go-to for CircleCI's best practices
- Normalized error handling & OpenAPI support by creative chaining of Rack middlewares
- Active ownership of company-level guild for Data Engineering and Machine Learning

Software Engineer, Cogent Labs, Tokyo | Apr 2018 - May 2019

Kubernetes # NodeJS # GCP Firebase # GCP CloudSQL

- Orchestrated phased database migration from NoSQL to RDBMS with zero-downtime
- Empowered feature deliveries through product ownership of authentication microservice
- Team player; Contributed efforts in both UI frontend and middleware layers

Server-side Engineer (Mercari JP), Mercari, Tokyo | Jun 2017 - Apr 2018

PHP # Kubernetes # Postman # Newman

- Improved Developer-QA workflows through self-started collections of API contract tests

Full-stack Software Engineer, Gengo, Tokyo | Oct 2014 - Feb 2017

PostgreSQL # Python # PHP # Go # Docker

- Increased robustness of batch scripts (Python) via reusable decorator patterns
- Empowered company know-how through hosting SQL clinics for non-engineers
- Improved API performances as main contributor of SQL performance tuning efforts
- Reduced accounting pain-points by codifying internal accounting processes

Education

Bachelor of Computing, Electronic Commerce (*1st Class Honours*)

National University of Singapore | Apr 2009 - May 2013