

Tay Wee Leng, Kelvin  
**Software Engineer / Aspiring Full-stack Web Developer**

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Professional Experience

**Server-side Engineer, Japan UX team, Mercari, Tokyo | Jun 2017 – Present**

[#PHP](#) [#MySQL](#) [#POSTMAN](#) [#Test](#)

- Led and coordinated API contracts between backend services and mobile clients
- Automated requests for translation of project tickets for non-Japanese speakers
- Self-started automated checks to prevent invalid code comments in pull requests
- Self-initiated Postman collections for testing main APIs, for QA and developers

**Full Stack Software Engineer, Gengo, Tokyo | Oct 2014 – Feb 2017**

[#python](#) [#PostgreSQL](#) [#Golang](#) [#TDD](#) [#microservices](#)

- Contributed strongly in SQL query optimizations and database tuning
- Oversaw and contributed in internal accounting / audit system tools
- Improved robustness of batch scripts via innovative decorator patterns
- Implemented OAuth2 service in Gengo API, for third-party vendors
- Main author and maintainer of DB migration and deployment tool
- Fostered inter-team knowledge-sharing via SQL clinic for non-engineers

Voluntary Experience

**Developer, Futsal Tokyo Meetup, Tokyo | Sep 2017 – Present**

*Assisting organizers in predicting futsal attendance / turnout rates*

[#machine-learning](#) [#Meetup-API](#)

**Lead Engineer, Bite Up, Tokyo | Oct 2014 – Oct 2015**

*Bite Up was meant to be like Toreta (JP), but for managing take-outs.*

[#python](#) [#iOS](#) [#MongoDB](#) [#nodejs](#)

Education

Bachelor of Computing (Electronic Commerce), **1<sup>st</sup> Class Honors**

National University of Singapore, Aug 2009 – May 2013