



# Tai Le Tien

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I can handle any layer of software development, from idea to deployment. My code has high quality. My products should work fine for years and be maintainable even without me.

## Experience — Highest title and most notable projects

### Shopee (leader of ECommerce in Southeast Asia) — Singapore 9/2018 - present Expert Software Engineer

- Key member of **Item team**, who maintaining some critical services and databases of Shopee. Our team provide low level business logic API for other teams, while ensuring that the databases won't dead under the billion requests per day.
- Contribute to various projects belong other teams, whenever I see fit. - Owner of several internal projects: item-id-generator, order-id-generator, item-tag, spkit, clog
- Interview and mentor new hires.
- Build a shared-service-template project which is becoming the standard practice for new microservices at Shopee.
- Maintaining some internal libraries.
- Leading a sub team of 4 people for some Item related services.

### Gee Pacific Technology Services Inc — Philippines 03/2017 - 06/2018 Technical Lead

#### New betting site for another country 06/2017 - 06/2018

- Lay the foundation for all subprojects: define workflow; design system, db schema; setup CI/CD, private Docker registry; setup production, staging and dev env. . .
  - Lead development team (6-12 people), interview, hire (and fire) devs
  - Work directly with stakeholders and other departments for analyzing business requirements
- What's we have built are now going strong, and I'm not really proud of that.*

#### Chinese online betting projects 03/2017 - 06/2017

- Maintain backend servers for 12 websites, each has 10-50k users. Occasionally implement new features.

### Robert Bosch Engineering Vietnam (RBVH) 07/2014 - 02/2017 Senior Software Engineer

#### Master Energy Control System (MEC) for Bosch Industrial Boilers 11/2016 - 02/2017

- Migrate legacy code based on Flexigrid (unmaintained Github OSS) into Bootstrap-table. Reduce code size by 50% after minification, fix some very old bugs.
- Introduced live-reload, unit tests and code minification.

#### JUP2 Automation Testing — India 04/2016 - 07/2016

- Reimplement the 3 years old unmaintained tcp protocol library. New version is 20% in code size, 50% faster, and can support new requirements for the protocol.
- Build a new IDE-like tool for QA to write and run spec for new hardware product, and output reports in HTML, CSV or Markdown.

#### Internal Server Administration 02/2016 - 02/2017

- Setup and maintain an internal Ubuntu server that hosts Jira, Jenkins, SVN, Git, Gerrit Code Review and some Tomcat servers.
- Integrate Jira, Gerrit, Jenkins for full CI/CD workflow.

#### Driving Style Evaluation (DSE) 01/2015 - 07/2015

Build Android app for tracking vehicle statistic (energy, speed, fuel consumption. . . ), analyse and suggest driving adjustment.

## Skills

I can pick up any tool/language/platform needed for the job. These are some:

- **Go**: various frameworks
- **JVM**: Java, Spring, Kotlin, Scala
- **Data storage**: PostgreSQL, pgTAP, MySQL, Redis, TiDB, Memcached
- **DevOps**: AWS, Heroku, Jenkins, Gitlab CI/CD, CircleCI, TravisCI, Docker, Portainer, Harbor, . . .
- **Frontend**: React, React Native, Android

## Open Source

I'm semi-active on Github. Proudest contributions:

- [java-code-styles#30](#)
- [vim-pydocstring#14](#)
- [testify#712](#)
- [xo#202](#)
- [Some patches for Golang project](#)

Most of my personal projects now live in private repositories on Gitlab.

## Achievements

Robert Bosch - RBVH 2015, 2016  
Best Performer.

HCM University of Science 2012, 2013  
Bronze medal, Competitive Programming Contest

Tran Hung Dao High School 2009, 2010, 2011  
Bronze medal, Vietnam National Mathematical Olympiad

## Education

HCM University of Science 09/2011 - 11/2015  
Bachelor of Computer Science, Honor Program

## Interests

- Chess, Cooking, Hacking, Literature, Mathematics, Classical Music, Philosophy, Anime, Manga
- Currently self studying piano and Chinese