Tai Le Tien — Full Stack Software Engineer

I can handle any layer of software, from visual aspect to logical schema database design. I also can setup and manage development life circle, from idea to deployment.

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Experience — Most notable projects

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

Incubation project for new markets   06/2017 - 06/2018
- Lead development team
- Define development life circle, system architecture, project structure
- Design the database schema
- Setup Gitlab CI, private Docker registry (use VMWare's Habor) to automatically build, test, deploy, and, if anything wrong, revert changes
- Setup production, staging and development environments
- Configure PostgreSQL SSL, CentOS firewall, Portainer, Nginx
- Work directly with stakeholders for analyzing business requirements
- Work directly with other departments (Marketing, HR, Customer Services) for hiring, supporting and implement feature request

Chinese online E-Commerce projects   03/2017 - 06/2017
- Maintain backend applications for old system which was running several websites. Occasionally implement new features.
- In the first week, I've converted the old project setup from using Eclipse and committed jar libraries to Maven, thus, reduce repository size and decoupled the source code with the IDE.

Robert Bosch Engineering Vietnam (RBVH)   07/2014 - 02/2017

Master Energy Control System (MEC)   11/2016 - 02/2017
- MEC is a web interface to monitor and control Bosch boilers system
- Migrate legacy code based on Flexigrid into Bootstrap-table. Reduce code size by 25% (50% after minification)
- Setup live-reload, that speed up the development when adding new features

JUP2 Automation Testing — India   04/2016 - 07/2016
- The goal is to replace manual test with automation test, which should support wide range of productions that communicate to computer via several private protocols. Thus, we develop an DSL scripting language and a IDE for it to develop, execute scripts, generate reports in HTML, Excel or Markdown format.
- Reimplement core libraries to support communication protocols, because the other 3 years old library can't handle extended versions of our protocol, and there's no document or tests for that one.
- Use ScalaCheck for unit testing core libraries.
- Learn Xtext and Xtend for develop the DSL

Internal Server Administration   02/2016 - 02/2017
- Set up and maintain an Ubuntu server that runs Jira, Jenkins, SVN, Git, Gerrit Code Review and some Tomcat servers.
- Integrate LDAP to Jira, so that Bosch employees can use their internal identity to log in. We have serve people of Bosch Vietnam, India and German.
- Integrate Jira, Gerrit and Jenkins to support CI/CD.

Driving Style Evaluation (DSE)   01/2015 - 07/2015
- Build Android app that tracks vehicle statistic (energy, speed,. . .), analysis and provides suggestions for more effective driving. The app communicates with specialized Bosch Head Unit via Bluetooth.
- Convert Matlab library into a C++ library that's used by both Android (via NDK, JNI) and iOS apps.

Skills

Wide range of technologies, most notable:
- Frontend: Angular
- JVM: Java, Spring Cloud
- Database: PostgreSQL, pgTAP
- DevOps: Docker, Linux, iptables

Project Management:
- Gitlab issues tracker and planning tools
- Scrum
- Kanban

Achievements

Robert Bosch - RBVH   12/2015
Best Performer, Year End Review.

Robert Bosch - RBVH   06/2015
Excellent project contribution

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

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

Education

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

Public talks

Robert Bosch - RBVH   10/2015
Knowledge Sharing - Java 8 Lamda, Stream API and Functional Programming

Tran Hung Dao High School   02/2015
Why you shouldn't study Information Technology in University

Interests

Chess, Cooking, Go, Hacking, Literature, Mathematics, Music, Philosophy