Kengo TODA

Build a lean learning cycle in teams with help from automated development workflows. Actively working for OSS products like SpotBugs, a bytecode static analysis tool that is used by Microsoft, Oracle, Google, and other enterprise projects.

EXPERIENCE

Works Applications China, Shanghai — *Engineering Mng.*

July 2014 - PRESENT

Lead dev departments to change the business model and organization, from the packaged app style to the SaaS style. Integrate the lean dev cycle to the working dev process, with learning DevOps and SRE best practices.

Also, automate and standardize the management education with no-rating pulse surveys, to help the administrative office to work agile.

Works Applications Singapore, Singapore — *Team Lead*

July 2013 - June 2014

Introduce in-house GitLab, Wiki, branching model, etc. to help employees in three countries to collaborate for development with less synchronous communication. Also make bilingual documents to tell product design, project governance, rules to both Japanese and English speakers.

My contribution helped the company to expand the dev team from hundreds to thousands of headcounts.

Works Applications China, Shanghai — *Team Lead*

September 2011 - July 2013

Get selected as a member of the team to establish the new base abroad. Raise a hand to launch in-house systems, teach security, lead dev to get ISO certifications, to create the same corporate culture and productivity with HQ. Achieved nearly three times the productivity with one-tenth the number of employees of Japan.

Challenge to make a self-driven dev team that can actively discuss the benefits of product features and their operation. Of these seven developers, one was promoted to the level of general manager and three to the level of section chief, twice the average promotion rate at the base.

Works Applications, Tokyo — *R&D Engineer*

April 2008 - August 2011

Pass the pre-assignment training as one of the top groups (3%). Research and develop to enhance product performance and development productivity around web apps, batch apps, logging, Oracle Exadata, Oracle Database, and IBM Db2. Get promoted to the section chief straightly.

SKILLS

Static Analysis, Bytecode Manipulation, Maven, Gradle, npm, Travis CI, Jenkins, GitHub Actions, GitLab CI

Java, TypeScript, Kotlin, Docker, JVM performance tuning, Oracle DB, Db2, Apache Cassandra, AWS, Heroku, Selenium, Selenide, spring-webflux, vert.x, Ansible, Sphinx

Problem Solving, Leadership, Team/Project Management

POPULAR OSS PRODUCTS

SpotBugs Analyze .class files to detect potential problems in code.

SpotBugs Gradle plugin Realize high performance and safe parallel execution by Gradle's Worker API.

Gradle semantic-release plugin Bring a Node.JS' best practice even to Java projects.

Errorprone-slf4j Eliminate misusage of SLF4J API at compile phase.

jspecify An activity to define standard Java annotations for analysis tools.