# YU PING WANG

Address: 75 Archmillen Ave, Pakuranga, Auckland

Mobile: 0272576301

Email: [sevenbamboos@gmail.com](mailto:sevenbamboos@gmail.com)

LinkedIn: [www.linkedin.com/in/sevenbamboos](http://www.linkedin.com/in/sevenbamboos)

Git: github.com/sevenbamboos

# PROFILE

High skilled software developer in Java (Sun Certificated Java Programmer) and Web (Front-End Development Program), majored in Computer Science and Software Engineering. Enthusiastic about programming skills like Object-Oriented Design, Functional Programming paradigm, SOLID principle and design patterns. Good ability of self-learning and keen on new technologies.

Scrum master in a multinational development team, experienced in Agile practices (Scrum, Domain-Driven Design, Test-Driven development, and Continuous Integration). Quality focused, dedicate to deliver working products on time and good problem-solving skill. Responsible for internal technology training: sevenbamboos.github.io/my-blog/page/2/2017/10/15/beyond-try/beyond-try.pdf

Solid knowledge in technical stacks like JavaEE, .NET, Node.JS and iOS and broad interest in distributed systems, server-less architecture and concurrency programming. Open-minded, outgoing and willing to help team members and do knowledge sharing. Host of a technical blog: sevenbamboos.github.io/my-blog. Open-Source contributor of Health Level Seven International (HL7) message parsing: www.npmjs.com/package/sam-utility

# SKILL SET

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| --- | --- |
| Category | Technology |
| Programming language | Java, C#, Javascript, Typescript, Python, Scala, Swift |
| Front end technology | HTML, CSS (Sass), Angular, React, Java Swing |
| Back end technology | JavaEE (JPA, EJB, JAX-RS), Spring, Hibernate, ASP.NET MVC, Akka, Node.JS, SQL, XML |
| Database | Oracle, MySQL, MongoDB |
| Application server | JBoss, Tomcat |
| Version control | Subversion, Git |
| Build tool | Maven, Ant, NPM, Webpack, Gradle |
| Continuous Integration | Jenkins, Travis CI |
| Defect tracking | Jira, TeamForge |
| OS | Linux (CentOS and Debian), Windows, macOS |

# EXPERIENCE

2010 – TO PRESENT

SENIOR SOFTWARE ENGINEER

AGFA HEALTHCARE CO., LTD.

*A leading provider of Digital Imaging solutions. It is based in Belgium and has R&D sites worldwide with over 200 software developers.*

### ACHIEVEMENTS

Key developer of middle-ware module that provides high throughput of message exchange between medical systems (EJB, JMS, JPA). Creator of a Domain Specific Language (DSL) which can customize message contents via Abstract Syntax Tree (JavaCC) with high scalability in distributed environment (Infinispan). Creator of Javascript dialect (running in a sandbox). Creator of DSL runtime, providing expression optimism like type-inference, group and order, and context-awareness. Participate also in the user-interface design on client side (Java Swing, RESTful API, JMX, Angular). Build up knowledge quickly in Angular and other modern software frameworks:

sevenbamboos.github.io/my-blog/tags/Angular

sevenbamboos.github.io/my-blog/tags/Redux

sevenbamboos.github.io/my-blog/tags/Swift

Trouble-shooting and code refactoring for large-scale software products (JavaEE, Java Swing, AngularJS) and work closely with open source community dcm4chee. Introduce Domain-Driven Design to clarify code intention and improve the maintainability in the long term. Do knowledge sharing with team members to explain technical details in Scrum retrospection meeting: sevenbamboos.github.io/my-blog/tags/Design-Pattern

Introduce Actor System to enhance the load test framework to detect performance issue in a distributed test environment. The Actor System is a clone from Scala’s Akka, but take full advantage of Java 8’s lambda and ForkJoinPool, and provide transparently remote call between actors. As a result, the whole Actor System is high efficient and composed of loosely-coupled actors that has the flexibility to be composed according to requirements.

Follow Agile methodology and take a role as Scrum Master in a development team (4-6 developers). Host daily stand-up meetings, planning and review meetings, and work with product owner to scope user stories, work with teammates on peer code review and deliver working product timely.

Efficient cross-site communication with R&D sites worldwide. Participate in architecture and requirement discussion. Work closely with an oversea development team since 2014 and do knowledge transfer at Shanghai office effectively and coach new members in both domain and technical knowledge quickly:

sevenbamboos.github.io/my-blog/tags/Java

sevenbamboos.github.io/my-blog/tags/javascript

sevenbamboos.github.io/my-blog/tags/Git

### RESPONSIBILITIES

Designing, developing and trouble-shooting JavaEE application that meets requisite software development practices and requirements.

Developing and executing unit and integration test plans, interfacing with other software developers regarding the results of tests.

Participating in the architecture and design of software components. Contributing to the estimates of software component designs, and reviewing the work of team members.

Embracing the agile methodology – Scrum and delivering working software for each development cycle.

Acquires knowledge of industry and company standards with a focus on pragmatic software solutions.

### REFERENCES

Stephen Yu, Agfa HealthCare IT, General Manager, T +86 21 2412 2003, M +86 15026585382

2007 – 2010

SOFTWARE ENGINEER

KODAK SHANGHAI PRODUCT DEVELOPMENT CENTER

*An American technology company that produces imaging products with over six thousand employees. Product Development Center is the largest software development center within Kodak.*

### ACHIEVEMENTS

Participated in design and coding of Advertisement Player module (Java Swing, RMI) for Kodak Digital Cinema System. Apply UML class diagrams and sequence diagrams to large-scale software system and receive positive feedback from supervisor.

Good progress in coding and bug-fixing for the web site of Kodak Digital Cinema System (JSP, Servlet, Javascript), and take the role as a contact with the development team from headquarters and get good feedback.

Quickly build up knowledge of C# (WPF) in prototyping projects and deliver working components on time.

### RESPONSIBILITIES

Developing and debugging software of Kodak Digital Entertainment department ensuring that work products meet business requirements and sanctioned work processes including the creation of regulatory artifacts.

Resolving software defects or implementing features to meet schedule commitments, and applying appropriate diligence for requirement changes and software testing (smoke test).

Working together with different R&D teams in a co-located environment.

### REFERENCES

Shijie Wan, Ph.D., Kodak Shanghai Product Development Center, General Manager, T +86 21 5884 1818

Carrie Dailor, Lead QA tester for the Kodak Digital Cinema Services, cdailor@yahoo.com

# EDUCATION

2016

FRONT END DEVELOPMENT PROGRAM, FREE CODE CAMP

2003-2006

MASTER OF SOFTWARE ENGINEERING, EAST CHINA NORMAL UNIVERSITY

2001

CERTIFICATED JAVA PROGRAMMER, SUN

1997-2001

BACHELOR OF COMPUTER SCIENCE, SHANGHAI UNIVERSITY OF ELECTRIC POWER