

# Ip Siu Kei, Gary

## Summary

Hands-on Java developer with 10+ years' experience in application development including financial software development. I work for various organizations in different fields including Education, Software Vendor, Telco and Financial Institutions.

## Language proficiency:

native **Chinese (Cantonese)**, fluent **English**, working professional **Mandarin**



**Mobile:** +852 9156 1302

**Email:** [gary.sk.ip@bcs.org](mailto:gary.sk.ip@bcs.org)

**LinkedIn:** <https://hk.linkedin.com/in/garyip>

## Specialties

Java (Core, Concurrency, Collections), Spring Framework, Hibernate, HTML5, AngularJS, Oracle DB, MuleESB, Linux, Maven, Git

## Education

**2003 – 2005:** MSc in Computer Science, The University of Hong Kong

**2000 – 2003:** BEng in Software Engineering, 2<sup>nd</sup> Class Honours (Division One), The University of Hong Kong

## Certificates

Sun Certified Enterprise Architect (**SCEA**); Sun Certified Programmer for the Java 2 Platform 1.4 (**SCJP**)

Oracle Certified Associate, Java SE 8 Programmer (**OCAJP8**); Oracle Certified Professional, Java SE 8 Programmer (**OCJP8**)

## Honours and Awards

JPMorgan Chase & Co. – 2015 Java Certification Program Awardee

## Experience

### 2016 - *Present*: Assistant Vice President, Deutsche Bank AG, Hong Kong Branch

Listed Derivates execution platforms in APAC markets

- Provided enhancements and L3 Support for Listed Derivates execution platforms in APAC markets (Australia, Hong Kong, Japan, Korea), using **Spring Framework, Tibco RV, Solace, Perl**
- Automated the limits alerts, daily checking reports and facilitated the DCASS upgrade for the Position Limit checking application
- Appointed as **ITAO Delegate** to supervise production changes, DR planning, etc.
- Migrated and decommissioned multiple legacy applications and SPARC servers, reduced the hardware maintenance costs by 50%
- Interface with business sponsors on requirements, plan and execute the production releases schedule

### 2016: Senior Associate, Asset Management, JPMorgan Chase & Co.

eTrading platform of JPMorgan Funds for **HK** and **TW** customers

- Revamped the HK and Taiwan eTrading platform – [www.jpmorganam.com.hk](http://www.jpmorganam.com.hk), with latest technologies including **RESTful services, HTML5, AngularJS, Spring Framework, Hibernate ORM, JPA**
- Appointed as **Application Security Champion** to supervise the implementation of application security and control assessments for the client facing eTrading platform
- Initiated the implementation of new technologies and standards for the eTrading platform with Application Architect team

### 2009 – 2016: Senior Associate, Corporate and Investment Bank, JPMorgan Chase & Co.

International Liquidity solutions system for **50+ branches** across **APAC, EMEA** and **WHEM**

- Reduced development time by 50% and cost
- **Development Team Lead**, supervised, motivated, evaluated, and coached 4 team members
- Lead the development of the critical message-oriented middleware that interfacing **70+ firm-wide partner systems**, using **JMS, Spring Framework, MuleESB, WebsphereMQ**
- Responded to and effectively implemented business product owners' new functionalities and change requests

## **2008 – 2009: Application Developer, Worldwide Securities Services, JPMorgan Chase & Co.**

### **India and Taiwan Sub-Custodian projects**

- Insourced the **Sub-Custodian** business in **India** and reduced the operational costs
- Developed a web-based application for Indian Sub-Custodian operations, using **Spring Framework, Hibernate ORM, JSP** and **Yahoo! User Interface (YUI) Library**
- Maintained and provided enhancements, bugs fixing and L3 support for **Taiwan** Sub-Custodian system
- Managed Production changes, coordinated delivery with business users and supporting team for production releases rollout

## **2007 – 2008: Application Developer, Treasury Services, JPMorgan Chase & Co.**

### **Regulatory Reporting Repository (RCube) System**

- Facilitated the **FIRC** (Foreign Inward Remittance Certificate) issuing workflow in receipt of foreign exchange for JPMC India branch
- **Lead developer**, supervised and coached 2 junior developers in HK and 1 offshore developer in India
- Designed and developed the Rcube system, using **Spring Framework, Hibernate ORM, JSP**

## **2006 – 2007: Senior Application Developer, CASCADE Limited, subsidiary of PCCW**

### **IPTV middleware system**

- Implemented a brand-new IPTV middleware (a forked branch of HK Now TV) to explore new businesses across the globe
- **Lead developer**, design and developed the revamped version of IPTV middleware, using **Spring Framework, Spring Webflow, Hibernate ORM, JPA**
- Travel with Pre-sales team and demonstrate the IPTV products to various telecom operators in foreign countries
- Initiated the implementations of new tools and frameworks and provided regular knowledge sharing sessions to team members

## **2005 – 2006: Consultant, CORE Consulting Limited**

### **Company flagship document exchange platform - iDEX**

- Implemented new functionalities and enhancements to iDEX, a web-based document exchange platform written in **Java Servlet, JSP, Struts, HTML, JavaScript**
- **Lead developer**, supervised the **offshore** (Zhuhai) development team, performed code review and provided training sessions to maintain good code quality
- Responded to and effectively resolved customer requests in a timely manner to ensure satisfaction

## **2003 – 2005: Assistant Computer Officer, Center for Information Security and Cryptography, CS, HKU**

### **Information Security projects**

- Delivered a Chinese characters supported search engine for a free access legal information website **HKLII** – <http://www.hklII.hk>
- Develop and support of HKPF sponsored project, **Digital Evidence Search Kit** written in **Java Swing, JNI** and **C**
- Quality Assurance of a proprietary developed video streaming encryption software written in **C++**

## **Membership**

Professional member of The British Computer Society

## **Publication**

K.H. Pun, **Gary Ip**, C.F. Chong, Vivien Chan, K.P. Chow, Lucas Hui, W.W. Tsang, H.W. Chan, Processing Legal Documents in the Chinese-Speaking World: the Experience of HKLII, Fifth Conference of Law via the Internet, Sydney, November 2003  
<http://www3.austlii.edu.au/au/other/CompLRes/2003/4.html>

## **Hobbies**

Reading, Blogging, Child Care, Soccer, Building LEGO, Investment