

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

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

Specialties

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

Education

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

2000 – 2003: BEng in Software Engineering, 2nd 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

Senior Software Development Engineer, Global Equity Derivatives, COO Global Markets Technology

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

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

- Participating in the development revamped version of HK eTrading platform – www.jpmorganam.com.hk, using **Spring Framework, Hibernate ORM, JPA, RESTful, AngularJS, jQuery, HTML5**
- **Application Security Champion**, responsible for application security and control assessments, coordinates regular security scanning (dynamic, static code and open sources libraries)
- Working with Architect team to implement the eTrading platform with firm-wide approved technologies and standards

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

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

- **Development Lead**, Leading the development of the critical message-oriented middleware that interfacing **70+ firm-wide partner systems**, using **JMS, Spring Framework, MuleESB, WebsphereMQ**
- **Application Manager**, coordinates teamwork and manages my 4 direct reports
- Negotiate new functionalities, change requests and delivery timelines with business product owners, operators and Business Analysts

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

Participating in the design and development of India and Taiwan Sub-Custodian projects

- Participating in the development of Indian Sub-Custodian project, using **Spring Framework, Hibernate ORM, JSP** and **Yahoo! User Interface (YUI) Library**
- Participating in the enhancement and provide L3 support for Taiwan Sub-Custodian system
- Production change management, coordinate delivery within business users and supporting team for production rollout

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

Design and development of Regulatory Reporting Repository (RCube) System

- Design and developed the Rcube system, using **Spring Framework, Hibernate ORM, JSP**. Successfully rolled out for India branch
- Worked closely with operations team to capture user requirements and features requests
- Coordinate delivery and supporting team for production roll out

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

Participating in the design and development of revamped IPTV middleware

- **Lead developer**, design and developed the revamped version of IPTV middleware, using **Spring Framework, Spring Webflow, Hibernate ORM, JPA**
- Support Pre-sales team for various foreign countries projects
- PoC work on new tools and frameworks, provide knowledge sharing sessions with team members

2005 – 2006: Consultant, CORE Consulting Limited

Participating in the development of company flagship document exchange platform - iDEX

- Participating in the enhancement of iDEX, a web-based document exchange platform written in **Java Servlet, JSP, Struts, HTML, JavaScript**
- Working closely with customization team for new features and requirement
- **Lead developer**, leads and provides training sessions for **offshore** (Zhuhai) development team

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

Participating in research and development works on Information Security projects

- Participating in the development of Digital Evidence Search Kit written in **Java Swing, JNI** (sponsored by HKPF)
- QA testing support for an internal developed video streaming encryption software written in **C++**
- Configured and delivered a **multi-lingo search engine** for a free access legal information website **HKLII** - <http://www.hklii.hk>

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