Jason Li Xiang

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Summary

- 15 years of experience in the field of Large Scale Enterprise Software Development and Application Support, with focus on J2EE based web solution and effective use of Agile development practice. Strong knowledge of all phases of SDLC and strong working experience of Linux platform.
- 3 years of team leading experience with team size ranging from 3 to 8 people, in both SMEs and MNCs.
- Principle developer of 2 startup companies. Hands-on experience in utilizing many open source frameworks (Spring, Wicket, Hibernate, MySQL, ActiveMQ, Prototype, jQuery) to develop high quality software in time and on budget.
- Experts in using source code version control systems (SVN and Git).
- Professional experience with Microsoft Technologies, including Windows Batch Scripting, Visual Basic, C#.NET, SQL Server, IIS.
- Extensive experience in coordinating team effort, responsible for deliverables, status reporting to management, issue escalations.

Technical Skills

Languages – Java(14 years), Unix Shell Scripting(13 years), SQL(8 years), JavaScript(6 years), VB Script(6 years), XML(6 years), XSLT(6 years), XSD(3 years), Perl(3 years), PHP(3 years), Python(3 years), C/C++(3 years)
J2EE Technologies – JavaBeans, JSP, Servlet, JSTL, JDBC, JMS, JPA, JAXP, JDOM, EJB, JTA, JAX-WS, JavaMail
Frameworks – Spring, Hibernate, Struts, Wicket, jQuery
OS – Linux, Windows, Mac OS X
Database – MySQL, Oracle, MS SQL Server, MongoDB
Application Servers – Weblogic, Tomcat, Jboss, Jetty, IIS, ActiveMQ

Professional Experience

Mar 2011 – Current
Tetra Pak South East Asia Ltd
Senior Analyst I – I was involved in bug fixing and enhancing our core manufacturing system, a large J2EE system of more than 2.6M LOC with Swing as frontend and EJB as backend, running in WebLogic application server. I also individually upgraded the whole system from WebLogic 10.3.0 to WebLogic 10.3.6.
Environment: **J2EE, Swing, Oracle PL/SQL, SVN, HP ALM**

Jun 2010 – Oct 2010
Aviva Ltd
Senior Software Engineer – I was involved in the development, enhancement and maintenance of the core insurance processing system used by the company. With bunch of legacy code, almost no documentation, and lots of proprietary technologies, I reverse engineered several modules of the J2EE based system, reproduced the E-R diagrams and shared them with my teammates, fixed a lot of bugs, and made some major breakthrough in the Web UI development using AJAX technologies.
Environment: **J2EE, Struts, ESB, JSPX, Oracle PL/SQL, JavaScript, CVS, Bugzilla**

Jul 2008 – May 2010
Thales Security Asia Pte Ltd

Senior Software Engineer cum Team Lead – Leading a team of 7 senior Java developers, I was in charge of the development of the Java Swing based HMI for Changi airport's next generation Air Traffic Control system. Individually I have developed several plug-ins for the system, e.g. aeronautical information display. I have also fixed a lot of bugs, supervised my teammates, and made weekly reports to our client.
Environment: **Core Java, Swing, Agile Development, Continuous Integration, SVN**

May 2007 – May 2008
RandomConnexion Pte Ltd
Senior R&D Engineer cum Team Lead - Leading a team of 2 Java developers and a graphic designer I developed an AJAX based web site integrated with SMS communication using open source frameworks like Spring, Hibernate, Wicket, ActiveMQ, MySQL, etc. I proposed the system architecture, implemented the backend, and configured the High-Availability cluster using open source tools.
Environment: **Tomcat, Jetty, AJAX, Wicket, Spring, Hibernate, MySQL, ActiveMQ, SVN, JTrac**

Jan 2005 – Apr 2007
HP
Senior Software Engineer – Working in a datacenter environment, I supported several applications deployed over 30+ Linux servers. I also individually developed a workflow based web application for IT service request processing using C#.NET. I was interfacing with our client directly, this includes managing relationships, participating in requirement gathering meetings, proposing solutions, monitoring the application performance, escalating issues, and making weekly progress report to our client.
Environment: **J2EE, Tomcat, WebLogic, Jboss, MySQL, VMWare ESX Server, C#.NET, AJAX, XML, XSLT, Perl, Unix Shell Scripting, MS SQL Server, SSO**

Aug 2004 – Jan 2005
MobileOne
System Analyst - I participated in requirements gathering, system design, project management, and vendor coordination for the mobile content delivery system.
Environment: **Requirement Gathering, RFP, System Requirement Specification**

Aug 2002 – Jul 2004
Chiron Technology Pte Ltd
Analyst Programmer – I was individually responsible for maintaining a Win32 based equipment controller software, without documentation. I gained much knowledge in windows GDI.
Environment: **C/C++, Win32 API**

Mar 2003 – Sep 2003
Mozat Pte Ltd
Software Developer – I created a web portal for sending MMS to mobile phones, as part of the M2U, the founding product of Mozat. In addition, to integrate with other native components, I implemented an XML-RPC client in Visual C++.
Environment: **C/C++, JSP, JDBC, Struts, MySQL**

Education

2004 – 2006, National University of Singapore
Master of Computing (by course)

1998 – 2002, National University of Singapore
Bachelor of Computer Science (Honours)

Professional Training

1. WebLogic Server Performance Tuning (3 days)
2. Agile Software Development Training in Thales Australia, Melbourne (6 months)
3. BEA Training on JSP and Servlet Development (5 days)
4. Fundamental of GSM (1 day)
5. Fundamental of GPRS and 3G (1 day)
6. LabVIEW Basics I (3 days)

7. LabVIEW basics II (2 days)

Publication

- Jacob, L., Li, X., & Zhou, L. (2003). A MAC protocol with QoS guarantees for real-time traffics in wireless LANs. *Information, Communications and Signal Processing, 2003 and the Fourth Pacific Rim Conference on Multimedia*