**Jay Cui**

**PROFESSIONAL SUMMARY:**

Over 5 years of IT industry experience involving **designing, developing and implementing   
Web based and Client/Server business applications.**  
Extensive **Java/J2EE** experience in software development and excellent working experience   
including various technologies such as **Struts 1.x/2.0 Framework, iBATIS, Java Servlet,   
JDBC.**

Extensive experience with **Hibernate as OR-mapping framework.**  
Extensive working experience in Database design and implementation using **DB2, MySQL,   
Sybase relational databases**, **SQL Server and proficiency in writing complex SQL for   
creating tables, functions, stored procedures.**  
Good experience in developing web application using **Spring MVC 3.0, Spring – AOP and   
 Dependency Injection.**knowledge of **XML, XSL, XML** parsers and **JAXB.**  
Very good at designing **data structure and algorithms.**Familiar with various application servers such as **Apache Tomcat 5.x/6.x, JBoss, Jetty**.  
Substantial knowledge in **JavaScript, JQuery, Ajax, PHP, JSP, CSS, HTML**  
Experience in developing enterprise applications using **IDE tools such as Eclipse 3.x, My   
Eclipse 7.x, NetBeans.**  
Comfortable with UNIX environment, experience in writing **UNIX shell scripts.**  
Strong Experience in SDLC methodologies such as **Waterfall and Agile.**Involved in **full cycle life of development.**  
Experience with **UML** for data modeling and system architecture visualization using   
**Microsoft Visio.**  
Solid background in **Object-Oriented analysis and design.**Involved in **User Acceptance Testing (UAT) and generate Test Cases.**  
Highly Motivated & Team oriented person with excellent interpersonal, collaborative skills.  
Excellent communication, presentation and interpersonal skills.

**TECHNICAL SKILLS:**

**Languages** : Java, C++, C, SQL, JavaScript, PHP, XML, HTML, UML  
**Database**  : SQL Server 2005, DB2, MySQL  
**J2EE Technologies** : Struts Framework, Spring Framework, Hibernate, JDBC, JMS, Servlets,   
 iBATIS  
**Version Control** : Subversion, Mercurial  
**Development Tools**  : Eclipse 3.x, My Eclipse 7.x, NetBeans, Visual Studio, Microsoft Visio,   
 JUnit, Ant, Maven 2  
**Application Server** : Apache Tomcat, JBoss, Jetty, WebLogic Server  
**Operating System** : Windows, UNIX, Linux  
**Technologies** : JSP, Ajax, CSS, MVC

**EDUCATION:**

•B.S.in Computer Science and Engineering, Shanghai University, China 2008

**PROFESSIONAL EXPERIENCE:**

**Weindex Network, CA**  **(March 2012 – till date)**

**Project:** A **C2C E-commerce** platform that allows users to launch their own stores, view   
 stores and products and make decisions online.

**Role: Software Engineer**

**Responsibility:**

Design the application using **J2EE, Spring MVC framework, Spring IoC.**  
Used **DAO** design pattern**, iBATIS as persistent framework**.  
Involved in the process of design, development and maintenance of the project.  
Responsible for implementing the “favorite” functionality, including design the **POJO, DAO   
classes and related controllers.**  
Designed “Message” object as well as its corresponding functionality.  
Developed UI pages using **HTML, JSP, JavaScript, JQuery, Ajax** and **CSS**.  
Used **Maven** for dependency management and build of the project.   
Involved in unit testing using JUnit, wrote numerous test classes.  
Used **SVN** for Version Control. I was responsible for updating, branch management,   
 merging file.  
Adapted **Agile** software methodology for the project development.  
Logged the application using **Log4j** for easier debugging and maintenance.  
Utilized **JSP** Standard Tag Libraries in the design and development of Views.

**Environment: JDK 1.6, Spring 3 MVC Framework, iBATIS, JSP, AJAX, JQuery, HTML,   
 Java Script, Jetty, Eclipse, Maven, MySQL, SVN, JUnit, Log4j.**

**FashionHome Inc., CA (July 2010 – February 2012)**

**Project:** FashionHome is a B2C e-commerce project for furniture dealers to list and manage their products and merchandise on the online store, they can manage categories, update categories and subcategories, list and update products, pictures, and other information. The users can view products information on the website and leave feedback. Users can purchase furniture from this site directly using **credit card, or Paypal.** **(www.fashionhome.com)**

**Role: Software Engineer  
  
Responsibility:**

Design the application using **J2EE, Spring MVC framework.**  
Involved in the process of design and development of the project.  
Used **Spring IoC and Spring 3 MVC framework, developed MVC controller classes.**  
Developed **Data Access Object (DAO)** for easy data access.  
Used **Maven** for dependency management.   
Used **Hibernate as OR-Mapping** framework, extensively used **HQL** and Criteria  
Used **Microsoft Visio** to draw **UML** diagrams and to develop the use cases.  
Involved in unit testing using **JUnit**, wrote numerous test classes.  
Worked extensively with SVN-Subversion for revision control.  
Adapted **Agile** software methodology for the project development

**Environment: JDK 1.6, Spring 3 MVC Framework, Hibernate, JSP, HTML, Java Script,   
 Apache Tomcat, Eclipse, Maven, MySQL, SVN, JUnit.**

**Shanghai Education Bureau, Shanghai, China (April 2009 – June 2010)**

**Project:** Automated Exam Paper Design System. A Client/Server based software application where teachers can log in to the system and have the Exam paper designed by giving criteria on time, difficulty, content involved; students can log in to the system and take exams.

**Role: Technical Project Leader**

**Responsibility:**Responsible for design the architecture of the system and the development of Exam Paper Generation module.Distribute the development of each module to suitable members of the team. **Spring, Struts and Hibernate** Framework for developing the project.Designed the Data Flow Diagram for each module of the system, Entity Relationship   
Diagram for all **database tables** and **Use Case Diagram** using **Microsoft Visio 2008**.Designed and developed the search functionality including the corresponding **DAO**, Service   
and Controller.  
Used **JMS** for the communication among users.Designed and implemented the key algorithm (improved Genetic Algorithm) for the   
 business logic of the automated feature, which satisfied the client’s requirement for   
 search time.Worked with **SVN** as version controller; was able to create branches for all the release.

**Environment: Java, Spring Framework, Struts 2, JMS, Hibernate, JMS, JSP, HTML,   
 Java Script, Ant, MS Visio, Tomcat, Eclipse, MySQL, SVN.**

**China Democratic NCA, Shanghai, China (June 2008 – March 2009)**

**Project:** A web application mainly for the association to post and manage news, photos and   
 articles.

**Role: Software Engineer  
Responsibility:**

Extensively involved in **gathering business requirement, system requirement and   
specifications.**   
Provided client with understandable conceptual solution.   
Responsible for design and development of Web Application using Struts framework   
Wrote **Action classes, Form Bean classes** and configure the application using Struts   
Configuration file.  
Design and develop database tables using **MS SQL Server 2005.**  
Wrote Java code for connecting the database using JDBC.  
Designed and developed several **JSP pages using JavaScript, Ajax, CSS, JQuery.**  
Responsible for coding, testing and deploying the application.  
Used **JUnit** for developing test cases.

**Environment: Java, Struts, SQL Server 2005, Apache Tomcat, Maven, Eclipse, JSP, CSS,   
 HTML, Ajax, JQuery.**