Jierong Xue

1-917-864-1215   xuejierong@gmail.com

62 Wilson Ave FL2, Kearny, NJ, 07032

OBJECTIVE: To obtain a challenging CS position as senior software engineer and developer

PROFESSIONAL SUMMARY

• Over 3 years of experience in Analysis, Design, Development, Implementation and testing of Web based applications and Client Server applications

• Expert level skills in application development using Java, J2EE, Spring Framework, Hibernate, Struts, JSP, JSF, JPA, Servlets, JDBC, HTML, JavaScript, JEE compliant application servers, multi-threading, client/server, design patterns of JEE architecture.

• Experienced in Java Application Development, Distributed Application Development and Object Oriented Programming (OOP)

• Good knowledge in Spring framework – Spring IOC, Spring MVC, spring AOP and Spring Webflow.

• Experience in database development and implementation using different RDBMS such as Microsoft SQL   Server, Oracle and MySQL.

• Good experience and knowledge working on ORM persistence frameworks like Hibernate.

• Experience in design and development of Front-End User Interfaces / GUI's using HTML, JSP, JavaScript, CSS and XML.

• Excellent experience developing applications using Servlets, JSP, EJB, Struts, Spring, JSF, Java Beans, JDBC, JMS, Hibernate and MVC architecture.

• Development experience in different IDE's like JDeveloper, JBuilder and WSAD/Eclipse.

• Experience of Client–Server, web-based n-tier architecture, Database Design, development of applications using J2EE Design Patterns like Singleton, Session Facade, Factory Pattern

• Extensive experience in design, development and implementation of Model-View-Controller frame works using Struts and Spring MVC.

CORE QUALIFICATIONS

Language: English and Chinese (Mandarin)

Skills: Java, J2EE, JSP, Web Services, JDBC, Spring, Struts, Hibernate, SOAP, REST, JavaScript, SQL, MVC, , CSS, HTML, jQeury, AJAX, JSON, ASP, C/C++, VB, VBScript, Matlab, Oracle, Auto CAD, QTP, Solidworks, Linux, Visual Studio, Networking, Database,

PROFESSIONAL EXPERIENCES

(1) Questionnaire Survey Project (Web Application)   **Jan. 2014 ~ Present**
The Application is patient-oriented project to evaluate their basic physical condition, which including around 160 medical questions. I utilized the MVC structure to realize the whole project, and the Bar Chart from FreeChart to display the evaluation result. The most difference from other project is the data from both Database (Access) and D drive.
Responsibilities:

- Programming the basic structure in JavaBean(creating the class and method).

- Involved in designing user screens and validations using JSP.

- Implemented the Web Service client for the login authentication, registration, input your choice and result reports and applicant information.

- Developed business modules using Hibernate and Spring Framework technologies.

- Wrote SQL (insert, delete, update and query), so the code focus database should be two styles.

Environment: JDK, J2EE, Struts, Spring, Web Services, Hibernate, JSP, Servlets , SQL Server, Windows, HTML, XML, XSLT, XSD, JQuery, JavaScript.

(2)Devisoft Inc., Parsippany, NJ

Software Engineer   **Mar. 2013~ Oct. 2013**
The project (ERM-Enterprise Risk Management) is designed primarily to meet the organization's requirements for risk evaluation. The Application is a J2EE based system for automating the entire lists of risks (including picking up, sorting, displaying by Heat Map). For the same risk, it will be have different danger level in different departments or organizations.
Responsibilities:

- Developed the application using Struts Framework that leverages classical Model View Control (MVC) architecture. UML diagrams like use cases, class diagrams, interaction diagrams (sequence and collaboration) and activity diagrams were used.

- Involved in designing user screens and validations using HTML as user requirements.

- Implemented the Web Service client for the login authentication, credit reports and applicant information using JAX-WS 2.0 and Apache Axis to Web Service.

- Developed business modules using Hibernate and Spring Framework technologies.

- Wrote SQL and implemented ORM using Hibernate.

- Involved in designing the user interfaces using JSPs.

- Implemented Message Driven Bean Using JMS and scheduling of Messages using MQ Series. Used Eclipse for development and debugging.

- Used Hibernate ORM with Spring for data persistence and transaction management.

- Used Hibernate object relational data mapping framework to persist and retrieve the data from database.

- Wrote SQL queries, stored procedures, and triggers to perform back-end database operations.

Environment: JDK, J2EE, Struts, Spring, Web Services, Hibernate, JMS, JSP, Servlets , WebSphere, SQL Server, Windows, HTML, XML, SOAP, ANT, Log4J, XSLT, XSD, JQuery, JavaScript, JUnit

(3)Automation Research&Design Institute of Metallurgical Industry (ARIM), Beijing, China

Java Developer   **June 2011~ June 2012**

Application developed new feature to perform customer requirement and designed web-component for E-commerce software.

Responsibilities:

- Involved in System Requirements study and conceptual design
- Created UML diagrams such as activity, sequence and use-case diagrams.
- Created user-friendly GUI interface and Web pages using HTML, Embedded in JSP.
- JavaScript was used for the client side validations.
- Developed JSP to create dynamic web pages and deployed them on WebSphere Server.
- Written JavaScript functions to get dynamic data and client side validation.
- Involved in configuring JDBC connection pooling to access the database server.
- Written SQL queries, stored procedures, modifications to existing database structure as required per addition of new features.

Environment: J2EE, Servlets, JSP, JMS, EJB, UML, XML, XSL, Hibernate, Eclipse, Rational Software Architect, Oracle, TOAD, PL/SQL.

(4)ZhiQi Railway Equipment Limited Company, Taiyuan, China

Software Engineer   **Oct. 2009~ May 2011**

Project involved creating new pages for personals site for company to provide user a better and friendly experience with the site using Agile Methodology of software development.

Responsibilities:

- Involved in the Enhancement of the Gift Registry Works using Java, J2EE, Struts framework on WebSphere Application Server 5.1.
- Enhanced web-xml, struts-config.xml, tiles-def.xml, app-resources.properties files for the application.
- Involved in the Performance tuning of the database, table integrity and referential integrity for the backend Oracle database.
- Applied Performance improvement concepts to optimize the performance for the data access.
- Involved in the testing of the application.
- Client side validations are done using JavaScript.
- Involved in the enhancement of Servlets, which interact with the database.

Environment: J2EE, Java, PL/SQL, Oracle 9i, Struts, JSP, Web Sphere Application Server, WebSphere, WSAD, Web Services, ANT, Visual Source Safe, Log4J, UNIX

EDUCATION

MS   Electrical Engineering   New Jersey Institute of Technology (NJIT)   Dec 2013
B.S.   Automation   Shan Dong University (SDU)   June 2009

PUBLICATIONS

- "Research and Design of The Embedded USB Host Based On MCF51JM128", 3rd International Conference on Computer Technology and Development(ICCTD), ICCTD2011-2046, 2011(indexed by EI)

- "Three-phase Photovoltaic Grid-connected Power System with Sliding Mode Variable Structure Control MPPT", Electric Power Automation Equipment, Vol. 31 No. 10 Oct. 2011(indexed by EI)