**Qianlong Lan**

**Java Developer**

**SUMMARY**

* 7 years of experience as Java J2EE Developer in object oriented programming, design and development of Multi-Tier distributed, Enterprise applications using Java and J2EE technologies.
* Excellent experience in designing and implementing Web, Client/Server and N-Tier distributed, cross-platform systems using Java/J2EE technology Agile/ SCRUM, Test Driven Development and Pair Programming Methodology.
* Experienced in all phases of software development life cycle (SDLC) – Requirement Analysis, Specification, Implementation, Testing, Documentation and process management
* Experience in Core Java with strong understanding and working knowledge of Object Oriented Concepts like Collections, Multi-Threading, Exception Handling and Polymorphism.
* Expert level skills in application development using Java, J2EE, Spring Framework, Hibernate, Struts, JSP, JSF, EJB, JPA, Servlets, JDBC, JavaScript, J2EE compliant application servers, multi-threading, client/server, design patterns of J2EE architecture.
* Good knowledge in spring framework–Spring IOC, Spring MVC, spring AOP and Spring Webflow.
* Experience in Design, Development, Deployment and implementing web based/J2ee projects using Web/Application Servers such as Web Logic, IBMWebSphere, Apache Tomcat, Sun Glass Fish and Jboss.
* Extensive knowledge in working with J2EE technologies such as Servlets, JSP, JDBC, EJB, JNDI, JMS and Object Oriented Programming techniques.
* Expertise in Web-Development technologies like HTML, DHTML, JavaScript, CSS, JSP, XML and XSL/XSLT and AJAX.
* Expertise in various open source frameworks like Struts, Spring, JSF, and ORM Technology like Hibernate
* Expertise in various components in Spring IOC, AOP and MVC.
* Extensive development experience on different IDE’s like Eclipse, My Eclipse, NetBeans and RAD.
* Experience in Web Services Technologies like SOAP, WSDL, UDDI and Service Oriented Architecture (SOA).
* Hands on experience in UML Modeling, Rational Rose and Design Pattern (J2EE) like Singleton Factory Method, Facade, Front Controller, Delegate Pattern, MVC Architecture.
* Experienced in generating logging by Log4j to identify the errors in production test environment and experienced in Ant Tool.
* Knowledge of Java servlets with database connectivity using JDBC, ODBC, MQ series, Java mail
* Good understanding of Object Oriented Analysis and Design and UML notations and experience in using design tools like MS-Visio for creating class and sequence diagrams.
* Involved in Unit Test Cases writing and having good knowledge in JUnit.
* Comprehensive knowledge of Unix, Sun Solaris, Red Had linux and windows XP/NT/2000/98
* Have strong experience in RDBMS like Oracle, DB2, PL/SQL, and SQL SERVER.
* Document preparation including requirement specification, design documents, test cases and analysis, User Training documents and Technical help documents.
* Experience in interacting with clients, collections of Requirements specifications from the client site, performing requirement analysis and designing
* Strong Analytical, presentation, problem solving and excellent inter-personal skills, ability to work independently and active team player with proven work ethics and leadership qualities.

**TECHNICAL SKILLS**

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| Technologies | Core Java, J2EE, Java Beans, Spring 4.0, Hibernate, EJB, Servlet, JMS, JNDI, UML, JDBC, XML Schema, XML, Swing |
| Web/Application Servers | Tomcat 4.x |
| Web Presentation | JSP, HTML, CSS, XML, XSLT |
| Operating Systems | Windows 10, Windows 98/XP, Windows NT 4.0, Windows 2000 |
| Databases | MS SQL Server, MySQL, Oracle 10g |
| Tools | Eclipse, Netbeans, Rational Rose(UML), Dia, Visio 2013, Star UML, SVN, Maven, Github |
| Design Patterns | Singleton, Factory, Command, MVC |

**EDUCATION**

M.S. in Computer Science

B.S. in Network Engineering

**CERTIFICATION**

Cisco Certified Network Professional (CCNP)

Cisco Certified Network Associate (CCNA)

**PROFESSIONAL EXPERIENCE**

**Living Direct, Austin, Texas Jun 2015-Aug 2016**

**J2EE Developer**

**Description:**

Enhancement of the ecommerce website through which various products are selling online. The project module includes user account management, managing products, shopping cart tool, and secure payment system.

**Responsibilities:**

* User requirements study, analysis and review of the specifications.
* Extensively used Web Services for communication between the different internal applications
* Extensively used OOD concepts in overall design and development of the system.
* Interaction with the users at all stages of development to ensure that development was as per user specifications.
* Designed and Implemented the J2EE Based Struts with JDBC in Eclipse IDE.
* Work directly with management, vendors, and third parties to ensure database management applications operate at peak efficiency.
* Extensively worked on Java server side programming using Servlets, and JSP. CSS is used to style Web pages, XHTML and XML markup.
* Developed classes to interface with underlying web services layer.
* Used Hibernate framework to persist the operations data to the database.
* Wrote complex SQL queries to retrieve data from the Oracle database.
* Designed and developed JSP pages using Spring MVC framework.
* Used Spring Core for dependency injection/Inversion of control (IOC).
* Developed the Controller Servlet to handle the request and responses.
* Designed rich user interface screens using AJAX, Java Script, CSS, HTML.
* Using XML for dynamic display of options in select box and description on web page.
* Asynchronous messaging is done using JMS and created Queue for point – point messaging.
* Designed complex application database SQL statements for querying, updating and reporting using JDBC.
* Scaled the component interactions and generalized the interfaces using RESTFUL
* Responsible for testing, debugging, bug fixing and documentation of the system.
* Developed JUnit test cases and performed integration and system testing.
* Implemented Java components and deployed under the Web Logic server.

**Environment:** Java, J2EE, XML, Servlets, Java Scripts, JSP, CSS, JDBC, Struts, Eclipse, MYEclipse, SQL, WebLogic.

**Codility, Houston, TX Jul 2014-May 2015**

**Full Stack Java Developer**

**Description:**

* Designed the collaborative and cooperative remote experiment systems for Cross Nation Engineering Education.
* Designed and implemented the programmable user interface with Wiki Package and Bootstrap responsive framework.
* Extend experiment with Docker open platform, build software package for distributed applications.

**Responsibilities:**

* Worked in Requirement Analysis, Requirement communication, Solution assessment and Validation of the project.
* Created Software Architecture Document to depict the application from Process View, Logical View Development View and Deployment View.
* Designed and developed the application using JAVA and RMI and also created stubs and skeleton for deployment.
* Resolving production issues/ maintenance.
* Testing the critical application’s functionalities before moving those into production by using various testing methodologies
* Developed EJB's for implementing Business logic.
* Used Session Faade pattern for abstracting the stateless session beans and avoid multiple calls to EJB container.
* Used Spring framework module for developing the application using MVC Architecture.
* Developed GUI for above modules using JSF.
* Designed and developed Servlets, Java Server Pages to implement Struts Framework
* Provide the online support for the site by interacting through remote access or live meeting to install sites and to understand the issue.
* Performed unit testing for the codes.
* Manually test the code and also wrote test cases for every scenario.
* Created, compiled and deployed JARS to different machines.
* Worked collaborated and exchanged knowledge with offshore and onshore team members regarding the daily progress for the given tasks.
* Fixed and checked the code through checkout and check-in in the STAR TEAM.
* Resolved, tracked and updated the incident reported in the SERVICE MANAGER.
* Co-ordinated and helped other programmer and Tester in the team for the testing and developing purposes.
* Followed, listened and fulfilled the instruction and checklist given for different tasks.

**Environment:** JAVA, ECLIPSE, RMI, JAVA, Swing, Servlets, SQL, JDBC, SQL Server, Excel

**IBM, Shanghai, China Dec 2012-Jun 2014**

**Client: Adirondack Bank, Herkimer, NY**

**Java J2EE Developer**

**Responsibilities**

* Involved in the analysis, design and development and testing phases of Software Development Life Cycle (SDLC).
* Developed the Graphical User Interface (GUI) application using Jakarta Struts Framework.
* Developed action classes, form beans and Java Server Pages using Struts.
* Handled HTTP requests to the controllers using Struts 2.
* Developed a web-based reporting for credit monitoring system with HTML, XHTML, JSTL, Custom tags using Struts.
* Used Hibernate ORM Framework for Data persistence and transaction management.
* Developed Session beans which encapsulate the workflow logic and used Hibernate to access data.
* Involved in coding front end using JSP, Struts Framework.
* Involved in integrating the business layer with DAO layer using JDBC
* Involved in creating tables, stored procedures in SQL for data manipulation.
* Configured the CVS Version Control (Concurrent Versions System) for source code control and team development.
* Created Use Case Diagrams in UML.
* Worked on data modeling with the data designer for the application.
* Designed Use Case Diagrams, Class Diagrams, Sequence Diagrams and Object Diagrams using UML to model the detail design of the application.
* Collaborated with testers and developers and prepared test plans for producing high quality software applications.
* Tested the application functionality with JUnit Struts Test Cases.
* Experience with Eclipse IDE, WebSphere, ANT and Struts plug-ins.

**Environment:** JDK, JavaScript, JQuery, HTML, JBOSS, SQL Server, Hibernate, Struts, EJB, Spring, AGILE, CSS, Servlet, JSP, Swing, JNDI, JDBC, Oracle

**Micron, Shanghai, China Sep 2009-Nov 2012**

**Client: E Movies, Princeton, NJ**

**Java J2EE Developer**

**Responsibilities**

* Worked in Requirements elicitation, Requirement Analysis, Requirements communication, Solution assessment and validation of the project.
* Constructed UML and Behavior trees modeling diagrams to depict the business flows.
* Worked in Iterative development process following Rational Unified Process (RUP) standards.
* Analyzed user requirements and created a detailed functional Requirements document. Constructed UML diagrams using Rational Rose.
* Designed front end components using JSP s.
* Development using the Use Cases and business logic & Unit Testing of Struts Based Application
* Developed JSP pages using Custom tags and Tiles frame work and Struts frame work.
* Involved in Analysis and Design of the Project, which is based on MVC (Model-View-Controller) Architecture using struts frame work and Design Patterns.
* Implemented Struts tags - HTML tag library, Bean tag library, Logic tag library.
* Developed Struts-based form validation, Application error handling, and using Struts Validator framework.
* Developed Classes to interface with underlying web services layer
* Wrote complex SQL queries to retrieve data from SQL Server Database
* Developed backend business logic with Spring Framework and achieved asynchronous messaging with Java Messaging Services.

**Environment**:J2EE, Servlet, Spring, XML, JDBC, Ant, Clear Case, Clear Quest, JSF, IBM WebSphere, IBM RAD, DB2, JBoss Hibernate, Unix and Eclipse.