**Hehan Zhang**

**Java Developer**

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**Summary:**

* Around **7 years** of experience building high-quality applications for a multitude of diverse clients in core Java and Java EE software development. Solid background with algorithm and data structure.
* Extensive IT experience in server side development, distributed software architecture, object oriented design, messaging middleware and relational databases.
* Experienced in development, implementation and maintenance of web and distributed Enterprise applications using Java/J2EE technologies.
* Solid Java OOP programming skills like: multi-threading, class loading, generics.
* Expertise in server-side development with JDBC, Servlets, Java Beans, JSP, EJB, JMS, RMI.
* Expertise in working with Core Java concepts like Collections, Multithreading, Data Structures, Exception Handling and Serialization.
* Experience in MVC architecture, Spring framework, J2EE Design Patterns, Spring IOC, Spring Boot, Spring Security, Java Server Faces and Hibernate.
* Used and worked with SOAP and RESTful web services.
* Working knowledge of HTML, CSS, JavaScript and AJAX.
* Experience in NoSQL databases like MongoDB
* Familiar with UI components such as Popup Dialog, ViewPager, Button, TextView, ImageView, Gallery, ListView, GridView and CardView.
* Skilled in analyzing and defining solutions to increase efficiencies and reduce redundancy
* Specialize in Enterprise Application Integration and Agile Methodologies.
* Team player with good communication, interpersonal and analytical skills

**EDUCATION:**

**Bachelor’s in Software Engineering** China 2011

**TECHNICAL SKILLS:**

**Languages:** Java, Javascript, SQL

**Web:** HTML(HTML5), CSS(CSS3), JavaScript, AJAX, jQuery,Servlet

**Web Service:** UDDI, SOAP, WSDL, RESTFUL, XML, JSON

**Web APP SERVER:** Tomcat, Weblogic, WebSphere

**Frameworks**:Spring, Hibernate

**Databases:** MS SQL, Oracle, DB2, MongoDB

**Tools:** UML, Eclipse, Tomcat

**Version Control:** GIT

**Platforms:** Windows, Linux, Mac OS

**PROFESSIONAL EXPERIENCE:**

**GE Digital, San Ramon, CA Sept 2016- Present**

**Sr Java Developer**

Evaluated client requirements and created web-based application, including design of main business workflow and user interface.

* Used OOAD Technology, classes are designed in UML with the help of Rational Rose.
* Used Spring MVC framework to build RESTful web services.
* Developed and deployed business logic using Session Beans and Servlets.
* Created web pages and client side validations using HTML5 and CSS3 and JavaScript, AJAX,JSP.
* Used Hibernate framework for back end development and Spring dependency injection for middle layer development.
* Implemented core Java code with data structures and algorithms to the back-end.
* Involved in debugging the application.
* Used Maven to compile and generate EAR, WAR, and JAR files.
* Created custom exception classes to display appropriate error messages.
* Used JUnit for white box testing of application. Created test conditions/test data.
* Used Log4j for logging errors and publishing logging information to various destinations.
* Used Jenkins for continuous deployment.
* Developed the system interface with webservice and JMS

**Technologies:** Java, J2EE, Spring, JSP, HTML, Hibernate, JQuery,JMS, UML, PL/SQL Oracle, JUnit, Jenkins, Unix, Git.

**Applied Materials, Santa Clara CA Jan 2014- Aug 2016**

**Sr Java Developer**

Built web application and internal system based on client requirements, performing detailed analysis and client coordination to ensure needs are met. Designed user interfaces and CSS styles, implemented core services and modules, built databases, and interfaced with data. Created unit and automation test cases, and provided user support.

* Participated in various stages of the project life cycle, mainly design, implementation testing, deployment and enhancement of the application
* Developed complex RESTful web services using Spring framework for extracting product and warranty information.
* Implemented business logic using Session Beans, Servlets.
* Development of persistent components using Hibernate 3.0.
* Optimized the data model objects with core Java code.
* Wrote SQL queries, PL/SQL stored procedures and modifications to existing database
* Combined HttpClient and JWTs implement app authentication
* Embedded an online chat in the web application with Node.js
* Developed service side Service of the mobile and web application with Node.js and Express
* Used MongoDB to store JSON format information
* Used JUnit/Eclipse for the unit testing of various modules.
* Used Jenkins for CI and deployment.
* Developed content management system interface with Java API

**Technologies:** Java, J2EE, EJB, jQuery, JavaScript, Spring, Hibernate, Jenkins, XML, Tomcat, Oracle, Eclipse, MongoDB

**Dongfang Electric, Chengdu China Feb 2012- Jan2014**

**Java Developer**

Worked on development of Warranty Management and Product defect tracking system.

* Designed and implemented customized dashboard applications, extracting data from business systems to display relevant information and generate dynamic reports.
* Coordinated with the client and upper level management, as well as cross-functional teams to test the solutions for production issues and customizations.
* Performed software development utilizing technologies such as core Java, J2EE, Spring Framework, Hibernate, JSF, Servlet, and Oracle database.
* Interacted with business users and collected the requirements. Analyzed business requirements, designed and recommended solutions over Agile Methodologies.
* Developed web pages using HTML, CSS, JavaScript and AJAX.
* Worked with the deployment of code using Jenkins.
* Created backend tables/stored procedures and SQL for database access.
* Installed testing and production environments, and wrote test cases and documentation.
* Extracted data from ERP systems to build complete dashboard with detailed financial KPIs.
* Design web service and JMS interface to get data form customer SOA system

**Technologies:** Java, J2EE, Spring, JSP,Weblogic,JMS, Oracle, SQL, XML, Oracle, Linux.

**PetroChina, Beijing, China May 2011- Feb2012**

**Java Developer**

Developed multi-versioned applications

* Designed and developed high-volume, low-latency applications for mission-critical systems, delivering high-availability and performance.
* Performed software development utilizing technologies such as core Java, J2EE, Spring Framework, Hibernate, JSF, Servlet, and Oracle database.
* Improved the performance and integrity of code by processing thread concepts
* Developed server side business logic with EJB
* Implemented the data persistent layer with JPA
* Developed web pages using HTML, CSS, JavaScript and AJAX
* Created backend tables/stored procedures and SQL for database access.

**Technologies:** Java, JavaScript, Spring, Hibernate, XML, EJB, JPA, Oracle, SQL,