# Jeff Wang

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# Summary

* Over 6 years of extensive experience in the Software field, Excellent hands-on experience on Core Java, JSP, Spring framework, Hibernate, JPA, Servlets, SQL, JavaScript, XML, HTML5/CSS3, JDBC, Oracle, MySQL.
* Expertise in Core Java concepts such as Generics, Multi-Threading, Collections, Exception Handling, Garbage Collection.
* Experience working with Agile SCRUM/RAD methodology.
* Cognitive about designing, deploying and operating highly available, scalable and fault tolerant systems using Amazon Web Services (AWS).
* Experience in developing with various open source frameworks such as Spring Frameworks like Spring Core, Spring IOC, Spring AOP, Spring MVC, Spring Batch, Spring Security, Spring Data, Spring Boot and ORM Tools like Hibernate and JPA.
* Implemented Hibernate for the ORM layer in transacting with Oracle database and developed HQL queries for CRUD.
* Good experience in all phases of Software Development Life Cycle (SDLC) - Analysis, Design, Implementation, Integration, Testing and Maintenance of applications.
* Proficiency in developing Web applications using Servlets, JSP, JDBC, web services using JAX-WS and JAX-RS APIS.
* Strong development experience in design patterns like MVC, Front Controller, Factory, Abstract Factory, Command Pattern, Singleton, Session Facade, Transfer Object, Business Delegate and Data Access Object.
* Good experience in designing, developing several multi-tier Web based, Client-Server and Multithreaded applications.
* Used Kafka for aggregating statistics from distributed applications to produce centralized feeds of operational data.
* Good experience in using Object Oriented Analysis and Design concepts and Service Oriented Architecture (SOA) mostly in cross platform environments.
* Proficient experience in using the databases such as MySQL, Oracle PL/SQL.
* Knowledge in testing methods such as Unit Test and Integration Test.
* Analyze and fix issues related to RESTful Web services and Application responses
* Familiarity in utilizing Selenium WebDriver to create browser-based regression automation
* Excellent Client Interaction skills and proven experience in working independently as well as in a team.

# Areas of Expertise

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| Languages | Java, C, SQL and PL/SQL |
| Java Technologies | JDK, JDBC, Servlets, JSP, JSTL |
| Frameworks | Spring, Hibernates, Restful |
| Databases | Oracle, MySQL, MongoDB |
| Servers | Apache Tomcat, JBoss |
| Front-end | XML, XSLT, JavaScript, AJAX, HTML, CSS |
| Version Control | Git, SVN |
| Others | Eclipse, IntelliJ, TOAD, AWS, Kafka, Selenium |

# Education

**University of southern california | Los Angeles, CA**

Viterbi School of Engineering, Master of Science, Computer Science

**Donghua University| Shanghai, China**

School of Science, Bachelor of Science

# Experience

**Client | Lead Point, Los Angeles, CA** **April 2017 –Till date**

**Market Place, Java Developer**

Lead Point, Inc. is a software and information technology services company for the lead generation industry located in Los Angeles, California. The company operates a business-to-business exchange for data and voice leads in numerous verticals including: consumer lending, consumer credit, and education. Market Place is a cloud based product which will help in generating the leads in mortgage, personal loans, or other big-ticket offerings with dynamics set pricing. The product is offered to both Buyers and Sellers. It Provides features like Search and filter leads by product type, zip code, loan amount, credit quality and LTV

**Responsibilities:**

* Applied Agile (Scrum) Methodology that includes daily scrum with team, sprint planning and estimating the tasks for the user stories. Implemented business logic using Session Beans, Servlets.
* Involved in analyzing business requirements and composed them into a technical use cases.
* Extensively used Java8 Stream API in retrieving data from the collection.
* Developed server-side utilities using Java Beans, XML. Involved in developing code for obtaining bean references from Configuration file.
* Involved in the UI development using HTML5, CSS3, JavaScript, JSON.
* Applied Spring MVC (Model View Controller) to intercept the user requests and used various controllers to delegate the request flow to the Backend tier of the application.
* Designed and Implemented the DAO layer using Spring, Hibernate. Used Oracle11g for communication.
* Involved in writing SQL Stored Procedures, Functions, and Views for Oracle database.
* Involved in recording user input data using MongoDB with Spring Data MongoDB.
* Used Core Java concepts such as multi-threading, collections, garbage collection and used various design patterns.
* Developed JSP views to incorporate backend functionality to display on the UI.
* Responsible for providing the client-side Java script validations as per the requirements.
* Designed and developed Micro-services business components using Spring Boot. Consumed REST-based Micro-services with Rest templates, based on RESTful APIs.
* Used JIRA for bug reporting and tasks and issue tracking.
* Used Jenkins for deploying in different Environments and Used Log4j for the logging.
* Supported extensively for functional testing as well as for performance testing.
* Used SVN for Version Control System and Used Maven for build automation.
* Created robust, browser-based regression automation suites using Selenium to reporte defects.

**Environment:** Java 1.8, XML, Spring, JSP, jQuery, Restful API web services, Hibernate, JSON, Java Beans, Agile/Scrum methodology, JavaScript, HTML, Eclipse, Spring Boot, Apache Tomcat, PL/SQL, Oracle, JBOSS, Junit, Maven, MongoDB, Selenium.

**Client | American Funds-Capital Group, Los Angeles, CA Aug 2015 – April 2017**

**Portfolio Analysis And management system, Java Developer**

American Funds is a family of mutual funds from Capital Group that are sold primarily through financial advisors and intermediaries. It is the third largest mutual fund family, with more than US $1.3 trillion in assets under management. American Funds manages more than 54 million investor accounts, including more than 26 million IRAs, more than 2 million 401(k)s and nearly 6 million College America 529 accounts. Portfolio Analysis and management system where all customers can manage their portfolio like Transactions (Buy, Sell, Exchange, Rebalance), Purchases, Withdrawals, Dividends and Capital Gains and manage their allocations for different Funds. The customer can also download and manage their tax statements. The system also has built in messaging systems for managing all the notifications over Emails and SMS.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) as requirement gathering, modeling, analysis, architecture design & development and the project was developed using Agile Methodology.
* Involved in End-to-end Project Management, meeting delivery deadlines on development, testing, implementation phases of the system.
* Performed application design development maintenance enhancements and testing using JUnit framework.
* Took care of Java Multithreading in common java classes / library.
* Developed the entire application in Spring MVC based architecture using Spring Integration.
* Applied multithreading techniques such as sending messages to clients using Callable and Future and creating thread pool for response listener.
* Used spring IOC for dependency injection and Spring AOP for cross cutting concerns like logging, security, and transaction management.
* Designed, developed and maintained the data layer using Hibernate and used Spring ORM to integrate with Hibernate.
* Fulfilled design of REST APIs that allow sophisticated, effective and low-cost application integrations.
* Used AJAX in suggestion list to display dialog boxes.
* Created Stored Procedures and functions using PL/SQL.
* Used Kafka for operational monitoring on distributed logging data.
* Performed unit testing using JUNIT framework and used test cases for testing action classes.
* Monitored the logs using Log4j and fixed the problems and used GitHub for version control.
* Deployed service onto AWS EC2, and using ECS as services container, RDS for database.
* Conduct knowledge sharing sessions among the team members in technical areas.

**Environment:** Java, Spring, Servlets, JDK, Java Script, XML, XSD, JUNIT, IntelliJ IDEA, AJAX, PL/SQL, Log4j, GitHub, Apache Maven, Oracle, AWS, Kafka.

**Shanghai Pudong Development Bank | Shanghai, China Feb 2013- June 2015 Access Online, Java Developer**

Access Online is a web-enabled program management and reporting tool offering a feature-rich platform that can be easily configured and deployed to meet the unique needs of clients. Shanghai Pudong Development Bank clients can implement the features and functionality that best support and/or enhance their business processes. Access Online harnesses the power of the Internet within a secured environment bringing clients online access to their payment solutions anytime, anywhere.

**Responsibilities:**

* Followed agile methodology and involved in daily SCRUM meetings, sprint planning, showcases and retrospective.
* Used JIRA as an issue tracker tool to collaborate with testers and functional team as well as to track defects and change requests.
* Designed the front-end screens using JSP, HTML5, CSS3, JavaScript, JQuery, Bootstrap and Spring Boot.
* Developed REST services making use of resource service to perform REST API calls to the backend.
* Developed REST controllers using Spring Data REST to serve the UI with required JSON data and REST exception handling controller advices to respond to bad requests and server-side exceptions.
* Used complete annotation driven approach to develop the application using Spring Boot and was also involved in setting up the spring bean profiling.
* Used REST Client and POSTMAN to test the rest-based services and used JUnit and Mockito to test the middleware services.
* Used Hibernate in the persistence layer and implemented DAO's to access data from database.
* Used GIT as version control system, to keep track of all the work & all changes, allowing several developers to collaborate and used Maven as build and configuration tool and Jenkins for continuous integration tool.
* Involved in configuration and usage of Apache Log4J for logging and debugging purposes. Developed the application using Rational Application Developer(RAD)
* Prepared Documentation for Unit Test Plan and Unit Test Results for the QA purpose. Participated in the release night shakeouts/overnight deliveries and QA Support.

**Environment:** Java, STS, Tomcat, Spring Boot, Hibernate, Restful Web Service, Oracle, HTML5, CSS3, JavaScript, Agile, JIRA tool, Log4j, Maven.

**Tianan Insurance| Shanghai, China Nov 2011 to Feb 2013**

**insurance marketing, Java Developer**

This project is an insurance marketing application for Insurance agents. This is a client/server application consisting of three main modules: 'Query', 'Policy' and 'Rate Quote'. The 'Query' module is the interface with the insurance agent to query the data base and generate customizable reports. The 'Policy' module concerns the various insurance sectors including Auto, Life and Fire insurance. The 'Rate Quote' module provides rates and payment terms, funding and protection options and coverage details for the insurance policy.

**Responsibilities:**

* Created Use cases, Class Diagrams, Sequence Diagrams using Rational Rose. Designed and developed the project using MVC design pattern.
* Developed user management screens using Spring, business components using spring framework and DAO classes using Hibernate framework for persistence management and involved in integrating the frameworks for the project.
* Implemented Spring design patterns such as Session Facade, Factory, DAO, DTO, and MVC.
* Designed & Developed persistence service using Hibernate.
* Wrote Hibernate configuration file, hibernate mapping files and define persistence classes to persist the data into Oracle Database framework and worked with HQL.
* Worked on advanced Hibernate associations with multiple levels of Caching, lazy loading.
* Configured and Integrated spring and Hibernate frameworks.
* Involved in UI testing.
* performance tuning of PL/SQL statements.
* Developed database triggers and procedures to update the real-time cash balances.
* Worked closely with the testing team in creating new test cases and also created the use cases for the module before the testing phase.
* Involved in writing JUNIT test cases and day to day builds.

**Environment**: JSP, Spring, Hibernate, HTML, CSS, Oracle, AJAX, JSTL, Eclipse, JUnit, JavaScript.