**SUMMARY:**

* 8 years of experience in software design and development of Java/J2EE applications with strong Object Oriented Programming and App Architecture skills.
* Expertise in Object Oriented design methodology and Core Java concepts including: multi-threading, exception handling, collections, annotations, generics, etc.
* Professional in front end technologies as DoJo, JQuery, Javascript, HTML5, CSS,AJAX, XML, JSON, Photoshop and social network APIs such as Facebook, Twitter, Google Map API, etc.
* Expertise in J2EE Software Development Life Cycle (SDLC) of Business applications in web and client-server environment using Java and J2EE patterns, together with JSP, Servlet, JDBC, JavaMail, etc.
* Extensive experience in Media environment development, JMS, JPA
* Extensive experience in JQuery/backbone.js and Angular.js
* Experienced in Web services design and analysis. Restful services and Soap.
* Extensive experience in designing and developing n-tier enterprise web applications with the use of various frameworks including Struts MVC, Spring MVC, Hibernate, etc. Strong hand-on experience in their configuration, integration and implementation.
* Experience in web applications servers including Websphere, and Apache Tomcat, Weblogic.
* Good working knowledge of relational database systems, such as Oracle and SQL.
* Experience in using assistant tools in software development such as JUnit, Maven, CVS, SVN, etc.
* Experience in creating Flex application using ActionScript3.0, MXML and Cairngorm MVC Framework.
* Professional in Web decorating by using Dreamweaver.

**Technical Skills:**

|  |  |
| --- | --- |
| Programming Languages | Java1.4/1.5/1.6, C++, SQL, JavaScript/JQuery,ActionScript, CSS, HTML, XML,Knowledge on CMS, Matlab, VHDL |
| J2EE Technologies | JSP, Servlet, JDBC, Javamail |
| Open Sources | Spring 2.x/3.x, Hibernate 3.0, Struts 1.2/2.0, Maven, J-Unit |
| Web Technologies | HTML, AJAX, XML, CSS, JSON, FLEX,JMS |
| Operation Systems | Linux, Unix, Windows XP/Vista, Mac OS |
| Servers | Tomcat5.x/6.0i/7.0Websphere 7.0/8.5, Weblogic |
| Testing/Control Tools | JUnit, CVS, SVN, Maven |
| Databases | Oracle, MySQL DB2,MSSQL |
| IDEs&Tools | Eclipse, RAD 8.0, FlexBuilder, Dreamweaver |

**PROFESSIONAL EXPERIENCE:**

**Client: McGraw-Hill Education. (Columbus, OH) Sep 2014 – Present**

**Project: ConnectED2**

**Senior CDI/ UI Developer**

Connected2 was designed for digital online learning purpose, which includes courses like science, work languages, math, chemistry and networks. It provides customized educational content for teachers to teach online, add books, open classes, manage students, etc. Also students can be learning online by accessing ConnnectED2, finishing home work, communicating with teachers. The application was written in java, running on Tomcat server. Whole structure is based on spring MVC. UI part was made by JQuery and bootstrap to make it responsive.

**Responsibilities**

* Responsible for analysis and design the multiple pages application and create most of the Web pages by using JQuery, bootstrap and HTM5.
* Added new book themes into the existed ConnectED system and implemented new banners and theme specific features. Performed styling on tabs, tool bars and grids by using CSS3.
* Created basic layout structure for pages using bootstrap and implemented to all different books. Participated in responsive design for multiple web pages by using bootstrap.
* Used AJAX to handle the request and response between the front end and servlet. Data type as xml in most situations, using JSON also. Created all controllers in Java for different pages and functionalities and integrated with javascript functions.
* Added all client side validation check for all forms contain suppliers' information waiting for submission.
* Used Spring IoC for Dependency Injection and worked on Spring-Hibernate integration.
* Established Restful web services for client side to have information interaction with server side.
* Implemented Spring MVC as the front-end MVC architecture, created Controllers, Models and Views to facilitate complex state, system workflow and data synchronization.
* Applied Spring Framework as the top level framework and integrated with the hibernate framework. Made used of Spring IoC, AOP and HibernateDaoSupport features.
* Wrote configuration files and Hibernate mapping files for data persistence to Oracle database.
* Responsible for deploying all new features and changes from SVN to development environment every week.
* Participated in all release every 3 months and performed smoking test on production environment.
* Installed, configured and supported SVN.
* Performed unit testing for java using JUnit and jasmine framework for javascript testing.

**Environment:** J2EE, Java, JBoss, Tomcat, Eclipse, JQuery, Angular.js, HTML5, JavaScript, CSS3, SVN,

**Client: Sears Holdings Corporation. (Chicago Area, IL) May 2014 – Sep 2014**

**Project: Promotional Estimates Tool (PE tool)**

**Senior Front end Developer**

The PE tool project was designed for inventory department to use to evaluate, forecast and decide the promotion period for particular items sold in different Kmart and Sears store all over the country. PE tool consists of several complicated grids. Users need to create new promotional plans first, by selecting the locations of the stores and the start and end date of the promotion, picking up the items for sell. The active plan grid, which allows users to view the promotional plans belong to them, identified by login ID. The plan line grid, gives the view of the several basic information of the plans that users have already created. By clicking at the different plan line will display Clusters and Reference Data grids below for users to manage. The manage result grid will have the evaluation and forecasting result for all items choose in the promotional plans.

**Responsibilities**

* Worked with seven people on Agile methodology followed scrum every week.
* Following the scrum master's introduction and finish a hundred points task each week on time.
* Worked on optimization of web application development by using Spring 3.0.
* Performed project structure generation with Maven, configured Pom.xml adding Spring dependency.
* Participated in creating and modifying resource controller using Spring annotation for web service.
* Developed the UI in Backbone.js framework and JQuery library.
* Solved the compatibility problem and fixed the headers and alignments for every backbone grid in the application by using self-made plugin.
* Performed styling for each tab, tool bar and grid matches the requirement by using CSS3.
* Installed, configured system environment settings and SVN version control tools. Deployed and updated the workspace by committing and synchronizing from SVN.
* Performed unit testing using JUnit and integrated testing.

**Environment:** J2EE, Java, JBoss, Tomcat, Spring STS, Eclipse, JQuery, Backbone.js, HTML5, JavaScript,CSS3, SVN

**Client: Mercedes-Benz USA Montvale, NJ Jun 2013 – April 2014**

**Project: Supplier Creation System.**

**Senior Web Developer**

The Supplier Creation System was designed to allow users to create new Suppliers, and route them for approvals before they can be created in SAP. It has a set of forms, where users can enter Supplier Data, and when submitted a notification goes to their Department Manager initially and later to Purchasing and Accounts Payable Groups for approval.

The Department Managers, Accounts Payable representatives and purchasing department representatives can logon to this System and approve, reject or return for RFAI.

Additionally, it allows the users to check the status of Supplier Creation Requests, submitted by them. System should be accessible to users, for creating Suppliers using a form, and to Managers to approve it at various levels. Notifications will be submitted to Department Manager of Cost Center once created, and to users at subsequent, once approved by previous level.

**Responsibilities:**

* Worked in EAI(enterprise application integration) team for development, enhancement, maintenance and support of MBUSA's application frameworks and common services to meet application development requirements.
* Design and refresh the UI login page in DOJO library in Javascript.
* Worked on integration of DOJO and JQuery library of Javacript in UI development.
* Looked into the existed Flex UI parts , replaced it and developed the whole new front-end User Interface by JQuery, JavaScript, CSS, HTML.
* Added all client side validation check for all forms contain suppliers' information waiting for submission.
* Involved in development of the back end services called by clients front end UI, like bank, routing information, validates zip codes by county and state, validates cost center number by manager name, etc.
* Established Restful web services for client side to have information interaction with server side.
* Integrated the back end services with the JQuery UI.
* Involved in the development of server side Java Servlets to handle various front end requests.
* Used AJAX to handle the request and response between the front end and servlet. Data type as xml in most situations, using JSON also.
* Took part in developing all java beans that encapsulate many objects into a single objects that contains essential information of suppliers passed from the front end.
* Installed, configured system environment settings and SVN version control tools.
* Performed Web UI decorating by using Dreamweaver.
* Performed unit testing using JUnit and integrated testing.

**Environment:**

J2EE, Java,Angular.js, Servlets, IBM Websphere 7.0, Websphere 8.5, RAD 8.0, DB2 database.

JQuery, Dojo, HTML 5 ,JavaScript,CSS, SVN.

**Client: Mercury Systems Inc, Princeton, NJ Aug 2011 – April 2013**

**Project: Yahoo Real time Stock Trading System**

**Java/Web Developer**

Yahoo stock trading System is an online transaction processing system providing a set of independent business application services customized to meet trader’s specific processing requirements. It is successfully running live at the customer’s site and supporting users worldwide. The Application has three modules namely Web Customer, Counter and Admin module to manage functionalities like customer registration, login, application, validation check by account holders, etc. It has real time stock information renewed every five seconds, and has history for daily transaction, also with the pie chart and column chart to give traders a better visual understanding.

**Responsibilities:**

* Participated in all aspects of Software Development Life Cycle (SDLC) involving in analysis, design and development of system.
* Developed front-end User Interface by JQuery, JavaScript, CSS, and HTML.
* Decorated Web pages using Dreamweaver.
* Worked on the dynamic web page design using Angular.js.
* Making dynamic navigation bar by implementing Angular.js.
* Extensively used JQuery, JQuery Validation to account balance, histories, date, statements, alert message from Restful Web services and database.
* Involved in the development of server side Java Servlets to handle various front end requests such as risk analysis, return/risk ratio calculations, and balance query.
* Extensively used Spring IoC features with Spring framework for bean management and transaction management.
* Used Spring IoC for Dependency Injection and worked on Spring-Hibernate integration.
* Integrated Struts, Spring and Hibernate for portfolio sub models, such as portfolio summary, securities balance, and daily history.
* Developed the server side POJOs for data modeling of account information, portfolios, equities, and using Java Collection return data back to the client.
* Configured Hibernate for O/R Mapping and used Hibernate for Data caching and persisting to Oracle database.
* Developed DAO packages to maintain the data layer and used stored procedures to save and get the information to/from Database.
* Performed unit testing using JUnit and integrated testing.
* Installed, configured system environment settings and SVN version control tools.

**Environment:**J2EE, Java, Angular.js, Servlets, Struts 2.x, Springs 2.5, Hibernate 3.2, JDBC, Oracle 10g, Eclipse 3.3, SVN,JQuery, HTML ,JavaScript, Tomcat 7.0, Weblogic.

**New Alliance Capital Management, LLC. (Charlotte, NC) April 2010 – Jun 2011**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Implemented Spring MVC as the front-end MVC architecture, created Controllers, Models and Views to facilitate complex state, system workflow and data synchronization.
* Applied Spring Framework as the top level framework and integrated with the hibernate framework. Made used of Spring IoC, AOP and HibernateDaoSupport features.
* Wrote configuration files and Hibernate mapping files for data persistence to Oracle database.
* Responsible for deploying all new features and changes from SVN to development environment every week.
* Participated in all release every 3 months and performed smoking test on production environment.
* Installed, configured and supported SVN.
* Performed unit testing for java using JUnit and jasmine framework for javascript testing.
* Implemented **My SQL Server database** and **JDBC drivers** to access the data.
* Maintained the application configuration information in various properties file.
* Performed unit testing, **system testing** and **integration testing.**
* Provide status reports to the management
* Co-ordinate the tasks with team.

**Environment:** Java, Core Java, HTML, Servlets, JSP, SQL, PLSQL, Tomcat ,Angular.js.

**China Nerin Engineering Co.Ltd Sep 2008 – Mar 2009**

**Role: Java Developer**

**Responsibilities:**

* Developed **User Management** in the **Administrator Module.**
* Developed **Authentication module**.
* Performed **Unit Testing.**
* Designed and implemented to continue any kind of **Java object**, manipulate a hierarchy of **objects, handlecollections, caching** and work with **transactions.**
* Implemented **My SQL Server database** and **JDBC drivers** to access the data.
* Maintained the application configuration information in various properties file.
* Performed unit testing, **system testing** and **integration testing.**
* Provide status reports to the management
* Co-ordinate the tasks with team.

**Environment:** Java, Core Java, HTML, Servlets, JSP, SQL, PLSQL, Backbone.js ,Tomcat.

**Education:**

Master in Electrical Engineering New Jersey Institute of Technology. (Newark,NJ)

Bachelor in Electrical Engineering NanJing University of Aeronautics and Astronautics.