Swayam Prakash Agrawal

 **Sun Certified Java Developer**

agrawal.swayam@gmail.com +91-9589485737

SUMMARY

Senior software engineer with in-depth experience in both front and back end development as well as mobile development using: Java, J2EE, JSP, Ext JS, jQuery, AJAX, JavaScript, Servlets, Oracle, MySQL, Tomcat, Spring MVC, Hibernate, Android, ElasticSearch Cloud Based Search Engines, UML, OOA/OOD, XML, B2B E-Commerce, Use Cases, Design Patterns, Large Scale Distributed Systems, Requirements Analysis, Agile Software Development, SCRUMS, RUP, Extreme Programming, and Test Driven Development.

* Software project leadership experience ranging from project inception to installation, and continuing through field support.
* Skilled at designing Web based Object-Oriented software for large systems.
* Very proficient at UML object modeling, OOA/OOD, and software Design Patterns.

SKILL SET

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| * **Web Development**:
* **App Development:**
 | J2EE, Java, Spring, ExtJS 4, AJAX, JSP, HTML 5, CSS 3, jQuery, JSON, JDBC, JavaScript.Java, XML, Android, Maven, JUnit, Ant, Swing, JAXP, JAXB, JMX, Java2D JFC and C++. |
| * **Application Servers** :
 | Tomcat, WebSphere, JBoss, GlassFish, and Jetty application servers. |
| * **Telecommuting Tools:**
 | Google Hangout / Chat, Skype, GoToMeeting, TeamViewer, FreeScreenSharing, and ReadyTalk. |
| * **Analysis/Design:**
 | OOA/OOD, UML, Use-Cases, Design Patterns, Scrums, Agile, Extreme Programming and RUP. |
| * **Tools:**
 | Eclipse with Spring Suite, NetBeans, Subversion, ClearCase, Dreamweaver, Sencha Architect, Git. |
| * **Database Related**:
 | Oracle, Hibernate, MySQL, SQLite, SQL, JDBC, ElasticSearch and Object to Relational Mapping. |

EDUCATION

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| --- | --- | --- |
| * **B.S. Computer Science**
 | Birla Institute Of Technology |  |
| * **B.S. Applied Mathematics**
 | Bhilai Institute of Technology  |  |

Certifications

* **SCJP 1.5**
* **SCBCD 1.5**
* **SCWCD 1.5**
* **IBM XML 1.1**
* **SCDJWS 1.5**

EXPERIENCE

iConnect Group ( Remote Development )
 Senior Software Engineer – *Telecommuting Project* 2012 - Present

**Developed Java based web applications using Spring, Hibernate, & Ext JS to track vehicle movements across the U.S.**

* Designed Java based web applications to display real-time Vehicle traffic across the U.S. Applications were built using Spring MVC, Hibernate, ExtJS 4 (a JavaScript Framework), and the ElasticSearch Cloud Based search engine to quickly locate pallets on trucks.
* Wrote Java software to manage Customer Rewards Cards that interfaces with external systems using Restful Web Services & JSON.
* Used Ext JS 4 (MVC) on the client to construct Screens, Forms, Complex Grids, Custom Ext JS components, and reports ranging from real-time fuel usage reports to detailed routing reports which are graphically displayed on Google Maps and integrated with SalesForce.
* Software was developed in an Agile Development Environment, with weekly SCRUM sessions, and daily conference calls.
* Created mobile applications using Android and Sencha Touch to present the latest tracking information via a cell phone.
* Developed Java software to compare actual routes to planned routes and report on any “out of route” trucks.
* Utilized AJAX for increased system performance.  All JavaScript functions were written using an Object Oriented approach.
* Development Environment Included: **Eclipse (with the Spring and Android plug-ins), Java, J2EE/JSP, Spring MVC, Hibernate, ExtJS 4 (JavaScript Framework), AJAX, JSON, HTML 5, CSS 3, Sencha Touch, jQuery, MySQL, Oracle, JBoss, Windows, Linux, Dreamweaver (Adobe CS 5), Agile Development, Scrums, ElasticSearch, Restful Web Services, Tomcat, and WebSphere.**

Bank Of America Gurgaon, India
 Senior Software Engineer 2011 - 2012

**Designed and developed new Web service for Mobile eligibility**

* Designed and developed new Web service for Mobile eligibility from start to end which included discussions with LOB (Line of Business), creation of HDL, LLD and signoff, design and development, DEV and CIT testing, support for SIT testing, defect fixing and Production go live.
* Provided enhancements to existing webservices to get transfer pairs eligibilities to support new consumer applications.
* Updated and created new business rules with Drool engine for FindTransferPair service as part of defect fixes.
* Enhanced existing customer profile service to support new backend and contract. Strategized and executed the extensive testing required due to large impact on ALL consuming applications.
* Enhancements and defect fixes in Dozer Mapping while generating XML responses.
* Developed new enhancements to Customer profile service to support new product launches such as Small business premium credit cards
* Provided solutions for better performance for Product loading batch jobs by introducing Multi-threading to the existing sequential code flow.
* Developed new Dao layer to move to later versions of backend contracts.
* Regular discussions with LOB (Line of Business) for Business requirements.
* Prepared a Knowledge Repository and Knowledge Transfer Kit for L3 support and new joiners.
* Provided Performance automation with Dynatrace and view trend reports with Jenkins. Designed and developed the while automation system single-handedly.
* Created a Maven and Jenkins plug-ins to support running multiple Jmeter Test Plans during maven build and pass the test result data to Jenkins for display.
* Mentored fresh graduates in the team and collaboratively created an application with Struts to provide an easy UI to load and view banks products and details.
* Provided regular code reviews with Curcible and fisheye.
* Participated in design, creation and tracking of stories to finish in Jira.
* Jenkins Continuous Integration management for building all components.
* Provided QA, UAT and Production support.
* Create Release documents containing configuration details including JNDIs, SSL Certificates, Static data to be loaded into database such as Properties and Drool Rule Files.
* Worked on projects 2 months release cycle with requirements initiated by Business.
* Involved in formulating a plan to create the right programmer mix for the project and involved in the hiring process.
* Development Environment Included: **Jdk1.5, WAS 1.6, RAD 6, Spring Core, IBM Extreme Scale for caching, JAX-WS 2.0, Apache Log4j, JDBC, Oracle 10g, Hibernate, Dozer 5.0 for xml mapping, Drool for Business rules, Maven 2.x, SoapUI, JUnit, SOAP, REST, XML, Linux, SshTectia, SQL Developer, Jenkins, uDeploy, Perforce, JNDI, Crucible with fisheye, Mercury Quality Center, JIRA, JMeter, Dynatrace, Sonar**

Cognizant Technology Solution Chennai, Kolkata, India
 Senior Software Engineer 2007 - 2011

**IDG Wholesaler Comp**

* Understanding of business requirements and identify the relevant functional and technical requirements
* Understanding of frame work & System flow
* Developing prototype and providing functionality
* Offshore and Onsite co-ordination during the Requirements Analysis, Development & Testing Phase
* Development Environment Included: **Jdk1.5, WAS 1.6, RAD 6, Spring Core, IBM Extreme Scale for caching, JAX-WS 2.0, Apache Log4j, JDBC, Oracle 10g, Hibernate, Dozer 5.0 for xml mapping**

**Client Acquisition System (CAS)**

* Understanding of business requirements and identify the relevant functional and technical requirements
* Understanding of frame work & System flow
* Developing prototype and providing functionality
* Offshore and Onsite co-ordination during the Requirements Analysis, Development & Testing Phase
* Development Environment Included: **Java Web Programming, Java stand-alone application programming, C, C++, JSP, Servlets, DB2 SQL/PL**