**Raman Aggarwal**

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**PROFESSIONAL SUMMARY**

* Over **8+ years of IT experience** in Analysis, Design, Development, Testing and Deployment of various **Java/J2EE**applications in **E-Commerce, Financial, Banking, Insurance and Health Care** Domains.
* Involved in all the phases of Software Development Life Cycle including Analysis, Design, Development, Integration and Implementation using **Waterfall and Agile Methodologies.**
* Hands-on experience in Spring Architecture and Spring Related Technologies: **Spring DI/ MVC/ Spring JDBC/ AOP/ Batch/ Struts, Spring Templates (Spring JDBC, Spring Hibernate, Spring JMS, AXIS & Jersey and Spring Rest Templates)**
* Hands-on experience **in Web Services testing** using **SOAPUI, Restful, and WSDL**.
* REST API Testing using **Java, Apache Http Client API, TestNG, JAXB** & **JSON** parsers.
* Expertise in Creating and Consuming Web Services, related technologies and tools: **SOAP, Restful, WSDL, UDDI, Jersey and AXIS** tools over **Distributed Architecture** for **caching** technologies.
* Experience in configuring and using **NOSQL** technologies like **Cassandra** and **MongoDB**
* Expertise in designing and developing Multi-Tier web applications using JAVA/J2EE technologies JSP, Servlet, JavaScript, JNDI, JSF, Ajax, JQuery, EJB, JDBC, JUnit, Web Services.
* Proficient in developing front-end applications using HTML5, CSS3, JavaScript, JQuery, Angular JS, Angular Material, SCSS, Node JS, Backbone JS and MVC frameworks.
* Experienced with **frontend technologies** like **HTML, XHTML, CSS, OOPS, JavaScript, jQUERY & AJAX.**
* Proficient in using industry-standard **IDEs** and Java Tools: **Eclipse, NetBeans, and QE test case analyis.**
* Hands on Experience with database technologies like **Oracle, MongoDB, Cassandra, MySQL** &**SQL Server**
* Experience in deploying business applications using application servers and web servers like **IBM WebSphere, WebLogic, JBoss and Apache Tomcat and resolving Build Issues and verifying log4j and server logs.**
* Experience with **unit testing** using **JUnit**, **Test NG, Mockito frameworks**
* Deployed applications to App Servers using **Ant, Maven and Shell Scripts** for creating Build Scripts.
* Hands on experience in developingweb services on **Bigdata technologies Cassandra and MongoDB.**
* Good knowledge of **version control system tools** like **CVS, SVN, GIT**
* Expertise in designing applications using **Node.js, web services, CSS3, AJAX, JavaScript.**
* Supported the application in production and used **SPLUNK to get the application logs to handle the incidents**
* Experience in working on **CQL** queries and scripts using **Solar** and **Cassandra** framework model approach.
* Worked on **SpringBoot** application integrating the existing functionalities and developing more robust and flexible applications for faster build and deployment.

**EDUCATION**

* Bachelor of Technology in Computer Science, India.

**TECHNICAL SKILLS**

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| **Languages** | **JAVA**, **JAVA1.8**, C, C++, SQL and PL/SQL,**JSF** |
| **J2EE Technologies** | **SpringBoot, JSP, Servlets, JDBC, Java Beans, Web Services, SOAP, Restful** |
| **Frameworks** | **Spring, Hibernate, Struts Framework, Web Services, AXIS, Jersey, Log4j, Maven, JUnit, TestNG, Ant** |
| **Web Technologies** | HTML, JavaScript, PHP, XML, CSS, XHTML, DHTML, jQuery, AJAX |
| **Web/Application Servers** | **WebSphere, WebLogic**, JBOSS, Apache Tomcat, Apache HTTP Server |
| **Testing Technologies** | **Selenium IDE/ Web Driver, JXL, TEST NG, JUNIT, Maven** |
| **Version Control Tools** | **CVS**, **Subversion (SVN), GIT** |
| **IDEs/tools** | **Eclipse, OEPE, Spring Tool Suite, Jenkins, Toad, SOAP UI, RALLY, JIRA,** Quality Center, **Tortoise SVN, Firebug, FirePath, SPLUNK** |
| **Database** | Oracle, My SQL, **HBase, Hive, Mongo DB and Cassandra, CQL** |
| **Operating System** | MAC, UNIX, LINUX, DOS, Windows |

**PROFESSIONAL WORK EXPERIENCE**

**Client: Macys.com, SFO, CA**

**Apr ‘14 – Present**

**E-Commerce Application**

**Role: Full Stack Developer**

**Description:** Macy’s is one of the biggest retail companies in the United States, which sells clothing, home electronics, and various products. The project is for consumer portal for consumers who can register, sign-on, choose the products and placing orders on-line. Macys.com is their website where purchases can be made with a credit card. The system has been developed using Java/ J2EE technologies using Spring, Hibernate, Web Services (SOAP and RESTFUL) on WebSphere Application Server. Oracle is used for maintaining the website information.

**Responsibilities:**

* Used **Agile/ Scrum** Development methodology with Rally
* Developed **Spring Controllers, Service Components, DAOs, Web Services and UI Integration** for processing the member request for external payment gateway functionalities.
* Developed the business logic code using **Java8 Lambda** expressions, achieving parallel streams.
* Used Spring **MVC Framework Dependency Injection** for integrating various Java Components
* Experience in working with **Spring MVC Controllers and Spring Hibernate templates**
* Developed JSP, HTML, CSS and a part of presentation layer using JavaScript, Angular JS and Node JS.
* Hands on experience with **distributed** **networking** using **CORBA** and **Cassandra and Spring Framework.**
* Consumed Enterprise **Web Services and generated client using Jersey and Axis Frameworks in RAD IDE**
* Configured the application over distributed platform using **CORBA and RMI**
* Creating tables and Indexes on using **Solr** dictionary and **Cassandra**
* Creating new functionalities using **Spring boot** for faster and more flexible technology adoption.
* Integration of Java Application using **Bigdata** technologies using **Cassandra** and **MongoDB.**
* Involved in testing and deployment of application over distributed java architecture using big databases.
* Developed UI automation for node.js/angular.js/ExpressJS based web applications using Selenium Web Driver developed in node.js/JavaScript.
* Designing the application with reusable **J2EE design patterns like Singleton Class, Front Controller, Session Facade, Session Factory etc.**
* Used **ANT, Maven** to build & deploy applications, helped to deployment for CI using **Jenkins and Maven**
* Migrated existing functionalities to **Java 1.8**.

**Environment: Java, J2EE, JSP, Servlets, JDBC, XML, Spring, Hibernate, Web Services, SOAP, Restful, WSDL, Jersey, Axis, SOAP UI, RAD, Oracle, TOAD, JUNIT, SQL, PL/SQL, JSTL, Spring Tags, HTML, Java Script, CSS, ANT, Maven, Jenkins, MongoDB, UML, TOAD, WebSphere, Agile, Rally, Linux**

**Client: GEICO, Fredericksburg, VA**

**Dec ‘12 – Mar ‘14**

**Insurance portal**

**Role: Full Stack Developer**

**Description:** Geico is one of the insurance providers in USA offering services for Car, home and business insurances across USA. The system offers users to get the quotes, places order, maintains the plans, pay bills online and get the certificates. The system is completed designed and developed using Spring, Hibernate and Web Services.

**Responsibilities:**

* Worked on various new enhancements on the system that involved requirements analysis, designing the solution, development and implementation.
* Designed and developed the application using **Agile Methodology** and followed **Scrum** planning
* Responsible for **creating functional documents**, technical documents, **flow charts** and **data flow diagrams**.
* Involved in designing and writing custom code for business, data access and UI layers using core Java.
* Created **Spring Controllers** and Integrated with Business Components **JSF** and View Components
* **Developed Spring and Hibernate data layer components for the application**
* Integrated business layer using **Hibernate** with **Spring DAO**.
* **Experienced in creative and effective front-end development using JSP, JSTL, JQuery, Servlet, JavaScript, HTML5, DHTML, HTML5, XML, Bootstrap, Ajax and CSS3 .**
* Implemented caching techniques, wrote **POJO** classes for storing data and DAO’s to retrieve data and the configuration of database using Hibernate.
* **Developed Front-end screens using HTML, CSS, JSP, JSON, JavaScript, JQuery and AJAX.**
* Helped to deploy and resolve issues during deployment and Configured **Maven, Ant, Shell Scripts. Used Jenkins for Continuous Integration (CI).**
* Created Distributed applications using **RMI** architecture over the entire network
* Used **Sub-Version** for creating the project structure and version controlling.
* Involved in coding front-end components using J2EE, MVC, JSP, JSF, JQuery and AJAX.
* Performed **unit testing** for the service classes and the DAO’s using JUnit and assist users in the testing.
* Gave **production support** for the entire application including trouble shooting and fixing bugs
* Created technical solution documentation and Deployment Guide for the application

**Environment:** **Java, Agile, Rally, J2EE, JSP, Servlets, JDBC, Java Beans, Spring DI, Spring MVC, Hibernate Templates, Hibernate, Web Services, SOAP, RESTFUL, JSON, XML, Maven, Continuous Integration, SVN, Log4j, JUnit, Oracle RDBMS, WebSphere Server, TOAD, Linux**

**Client: Bank of the West CA**

**Oct ‘11 – Nov ‘12**

**Banking**

**Role: Java Developer**

**Description:** Bank of the West is a client-focused Investment Bank serving private institutions and corporate clients worldwide. The project, Financial Accounting software is an intranet web application, which implements the procure to pay cycle for the bank. The main modules of the application include: Purchase Module, Inventory, Invoicing and Financial modules. The data entered in one modules updates all the other related modules. The application has been developed using **Java/ J2EE Technologies, Spring, Restful Web Services**, with Oracle Database. Front end is developed using HTML5, AngularJS and integrated with RESTFUL Web Services. And the application is deployed on IBM WebSphere on Unix Platform.

**Responsibilities:**

* Involved in Analysis, Design, Development, and Testing phases of the project
* Involved in designing, developing and configuring server side **J2EE components like JavaBeans, JSP, Servlets, JNDI, and XML using IDE- Eclipse and deployments in WebSphere**
* Used design patterns like **Service locator, Data Access objects, and MVC**
* Implemented Java persistence using **Hibernate** framework.
* Used **SOAP UI** to test the web service request/response scenarios.
* Implemented **Spring MVC** architecture and **Spring Bean Factory** using IOC, AOP concepts.
* Developed **Hibernate** mappings and implemented required business logic.
* Designed and developed the user interface using **JavaScript, HTML and CSS**
* Used **Hibernate** for mapping objects to the relational database
* Responsible for configuring the **Tomcat Server** to access the Database by setting up Data source and Connection Pool.
* Utilized **Log4j** for request / response / error logging
* Involved in **Unit & Integration Testing** for different Modules in the application.
* Unit and integration testing, logging and debugging using **JUnit**
* Used deployment &**Continuous Integration (CI) tools like ANT, Maven, and Jenkin.**
* Developed unit test cases using **JUnit** and helped testers in end-to-end testing.
* Responsible for code migration and maintaining code versions, hot fixes using Subversion.

**Environment: Java, J2EE, Servlets, JSP, JDBC, Spring, Hibernate, Web services, WSDL, SOAP, REST, Axis, Jersey, SOA, HTML, DHTML, CSS, XML, AJAX, jQuery, ANT, MAVEN, TOAD, SQL, PL/SQL, Oracle, Design Patterns, UNIX, Tomcat, Oracle, Windows 7.**

**Client: Keystone Peer Review Org Inc., Harrisburg, PA**

**July '09 - Sep '11**

**Health Care**

**Role: Java Developer**

**Description:** Keystone Peer Review Organization, also known as KePRO (Health Insurance), is a subsidiary of the Pennsylvania Medical Society. KePRO offers various management solutions designed to enhance the efficiency and quality of health care. Services include utilization and case management, as well as claims review. It provides both members and patients information and a wealth of resources related to the practice of medicine in Pennsylvania.

**Responsibilities:**

* Involved in design and requirements gathering for project for further improvements and enhancements as per business requirements.
* Development of application using **J2EE, Spring, Hibernate, Web Services (SOAP & REST), jQuery, JSTL, Oracle, Maven technologies**
* Created business logic and application in **Spring Framework, Hibernate and Annotations**
* Developed the persistence logic using **Hibernate and configured using Annotations** and **JSF**
* **Developed and consumed SOAP and Restful using Jersey and Axis** Frameworks
* Monitored error log using **Log4j** and solved the problems.
* Used **JUnit** for testing and integration of modules.
* Used various Design Patterns like Factory, Abstract Factory and Singleton Patterns.
* Integrated the **Spring framework** with **Hibernate ORM** tool to access the **Oracle** database
* Developed build and deployment scripts using Maven to generate **WAR, EAR and JAR** files and store them on the repository, publish and deploy on the **Tomcat.**
* Developed java scripts for all client side validation and developed User Interface (GUI) using **JSP, CSS.**
* Responsible includes integration cycle and deploying application on Production server and providing Production support.

**Environment: Java, J2EE,** Spring**, Hibernate, Web Services, SOAP, RESTFUL, Axis, Jersey, JUnit, Log4j, Maven,** Servlets, JSP**,** HTML, CSS, **JavaScript,** JDBC, PL/SQL, Oracle, Apache HTTP Server, Apache Tomcat 6, **JQuery**, XML, Eclipse, Linux/Unix, CVS, Ant, Oracle, JUnit, J2EE Design Patterns.

**Client: Pentagon Solutions, Bangalore**

**Aug ‘07 – Jun ‘09**

**Role: Java Developer**

**Description:** Pentagon Solutions is an advanced technology company covering the full spectrum of technology services. The range of software tools it works with and supply, are all industry leading technologies and it specializes in making these tools work together.

**Responsibilities:**

* Analyzing business requirements along with team lead.
* Designed necessary backend **Java** classes to support data access and user authorization.
* Implemented MVC Architecture using **Struts** Framework.
* Involved in the coding of generating the Actions, Action Forms.
* Wrote Client side validation using Struts Validate framework and Java script.
* Wrote unit test cases for different modules and resolved the test findings
* Developed various daily jobs using **PL/SQL** stored procedure to update notification status in multiple tables.
* Created **WSDL** and **REST** based Web services for adding, modifying and deleting trading partners.
* Debugged and enhanced performance of the web application.
* Developed high quality software solutions that satisfy our customers’ needs.
* Created technical specifications and use cases.
* Used agile development practices and work in short iterations to deliver a continuous flow of the most important and valuable features.

**Environment: Java, J2EE,** Struts**, Hibernate,** **REST** **Web Services,** JUnit, Ant, HTML, JavaScript, JDBC, PL/SQL, Oracle, Apache HTTP Server, Apache Tomcat, XML, Eclipse, Linux/Unix.