**Jagadish Tummala**

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**PROFESSIONAL SUMMARY :**

* 7+ years of IT experience. Good working knowledge in architecture/design in multiple business domains ranging from **Finance, Health Care** and **Insurance**.
* Experience in **Software Development Life Cycle** (**SDLC**) methodologies like **RAD, RUP, Agile, Scrum, and Waterfall.**
* Experience in **Web Application Development, Client-Server based Enterprise Applications, System Analysis, Technical Design, B2B Implementation, Performance Tuning** and **Testing.**
* Expert level skills developing applications using **Core Java, J2EE, JSP, Servlets, Spring, Hibernate, Web Services(SOAP, REST), JDBC, XML, HTML, XHTML, HTML5, CSS, JavaScript, Ajax and JQuery**.
* Experince in Developing applications using **Groovy, Grails**, GSP, GORM and Grails Plugins, Grails Rest Services.
* Extensively implemented various J2EE applications using **MVC, Struts 2.0, Spring MVC, Spring JMS template, JSP, JSF and Design Patterns.**
* Developed **UI** and backend applications **JSP**, **Struts 2**, **JSF, Hibernate, Java, HTML, JavaScript.**
* Proficient in integration of **Enterprise Java Beans (EJB)** with existing applications and using services provided in distributed applications through **Web Services (JAX-RPC, JAX-WS and JAX-RS) and Apache Axis.**
* Extensive experience in developing **web-based applications** on **J2EE** platform.
* Worked on various web servers like **Tomcat, Web Logic.**
* Worked experience in **Hibernate** and **JPA ORM tools**
* Experience in working on XML related technologies **like XML, XSLT, XPATH, XSL, DTD, DOM and XML Spy tool**
* Experience in developing Web Services using **XML over HTTP(s), SOAP, WSDL, Restful protocols**
* Hands-on experience on development tools like **Eclipse, intelliJ, RAD, My Eclipse, and Jdeveloper.**
* **Log4J** for extensible **logging, debugging and error** tracing.
* Proficient in using **Maven and ANT** for building projects and deploying application source code on **Oracle Web Logic** Application Server
* Solid Understanding of **OOPS and RDBMS concepts**
* Experience in **Multithreading applications**.
* Experience in writing **SQL** queries, Triggers, Stored Procedures for accessing and managing databases such as **Oracle**, **MySQL, SQL Server**.
* Installed, configured, and managed the servers (**Linux, Nginx, Tomcat, Apache, MySQL, MongoDB, Groovy/Grails, Hudson/Jenkins, JIRA**)
* Worked with **JUnit for unit testing , Mockito for mock creation and verification**
* Self-motivated and quick learner of new concepts and technologies.
* A team player with excellent interpersonal, communication and presentation skills.

**TECHNICAL SKILLS:**

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| **Programming Languages** | Java, UML, SQL, PL/SQL, C |
| **Platforms** | Windows 2003, 2008 Server, Linux, Unix |
| **Java Core** | Memory Management, Thread Classes, Exception Handling and Collection APIs |
| **UML Tools** | MS Visio 2003,2007, Rational Rose Enterprise |
| **IDE & Reporting Tools** | Eclipse, Netbeans, IntelliJ, JBuilder 2005, 2006, IBM Rational Application Developer |
| **HTML Editors** | Adobe Dreamweaver CS 5.5, MS Frontpage 2003 |
| **J2EE MVC Frameworks** | Struts 1.1 and 2, Spring 2.5, 3.0, JSF 1.2, Groovy, Grails |
| **Databases** | Oracle 11g, 10g, 9i, 8i, MS SQL Server 2008, DB2 |
| **Application Servers** | Web Logic, JBoss, Apache Tomcat |
| **Web Technologies** | HTML, DHTML, CSS, Java Script, XML, SOAP, XSL, XSLT, XHTML |
| **ORM Frameworks** | Hibernate 3.0, JPA |
| **Version Control** | Rational ClearCase, SVN (Apache Subversion), CVS (Concurrent Versions System), VSS (Visual Source Safe) Team Foundation Server and GIT |
| **Middleware Technologies** | EJB 2.1, 3.0, JNDI, JMS (Java Message Service) |
| **Web Services** | JAX-RPC, JAX-WS, JAX-RS, SOAP UI, TCPMon, HTTPMon, Axis 1, Axis2, CXF, REST |
| **Design Methodologies** | Rational Unified Process, Agile, Scrum, Test Driven Development, Rapid Application Development |
| **Testing** | JUnit 4.1, J-Mock, Easy Mock, Spring Test. |
| **Logging Tools** | Log4j |

**EDUCATION:**

* Bachelors in Technology**. J.N.T.U Kakinada, India.**

PROFESSIONAL EXPERIENCE

**Client: Erie Insurance January 2015 - August 2016**

**Erie, PA**

**Role: Full Stack Java Developer**

**Description:**

Erie Insurance provides a wide range of services to meet the family insurance needs with home and tenant insurance policies, boat insurances and small & large businesses. It helps customers to generate the Policy, underwriting, Servicing and distribution Process. The Application handles User/Agents/License/Billing Management.

**Responsibilities:**

* The entire application was developed in J2EE using an **MVC based architecture**.
* Designed project related documents using **MS Visio** which includes **Use case, Class and Sequence diagrams.**
* Writing end-to-end flow i.e. **controllers classes, service classes, DAOs classes** as per the **Spring MVC design** and **writing business logics** using **core java API** and **data structures.**
* Used **Core Spring** for **setter dependency injections**.
* Developed presentation layer code, using **JSP, HTML, AJAX and JQuery**.
* Single page architecture by using **Angular** JS. **Node JS** for server side web Applications, Real time communication.
* Developed the Business layer using **Spring Boot and JTA**. **Spring** **Boot** for creating **REST Web Services**.
* Developed the Persistence layer **DAO using HIBERNATE**.
* Implemented **RESTful** **web** **services** using **JSON**, **XML**.
* Developed the project using industry standard design patterns like **Singleton**, **Business** **Delegate** **Factory** **Pattern** for better maintenance of code and re-usability.
* Proficient in **SQL, PL/SQL Stored procedures, Functions, triggers**  to interact with **Oracle** **11g**.
* Analyzed and fixed numerous defects, missing data, bad data and rewrote **SQL** WHERE, AND **clauses** based on Index order.
* Used **SoapUI** for **web services testing**. Developed **unit test cases** using **Junit framework** for **testing** accuracy of code and logging with **SLF4j** and **Log4j**.
* Worked with defect tracking system **ClearQuest**.
* Worked with **IDE** as **Spring** **STS** and deployed into **spring** **tomcat server& used Maven** as build tool.
* Responsible for code sanity in **integration** stream used **Clear** **Case** as **version** **control** tool. Used **JavaScrip**t for **client** **side** **validations**.
* Consumed a **Web service** for exchange rate calculation.
* Used **Hibernate** for **Database Persistence.**
* Deployed applications on **WebSphere Application server 6.0**
* **Used Web services for transmission** of large blocks of **XML** data over **HTTP**.
* Used **Collections** extensively to store, retrieve and manipulate objects in the **business logic layer.**
* Performed the Garbage Collection Analysis, Java Heap Analysis, Thread dump, Heap dump analysis, **JVM Tuning** and risk analysis. **JProfiler** is used for **JVM Tuning.**
* Involved in unit testing using **JUnit**, system testing and creation of various **test scripts.**
* Wrote test cases which adhere to a **Test Driven Development (TDD)** pattern.

**Environment**: Java 1.7, J2EE 1.6, HTML, CSS, AJAX, JQuery, JavaScript 1.7, JSP 2.1, Spring , Spring Batch, Spring web services, RESTFUL, SOAP, XSD, XML , UML 2.0, JUNIT, Mockito, Apache JMeter, JProfiler, WebSphere, Maven 2.0, Clear Case, SoapUI, Oracle 11g, Spring JMS, Apache Active MQ, Log4j, JSON

**Client: Mass Health November 2012 - December 2014**

**Worcester/Boston, MA**

**Role: Full Stack Java Developer**

**Description:**

Common Wealth of Massachusetts started Mass Health to provide a minimum coverable insurance plan to every resident in the state. It has a connector acts like a broker to offer free, subsidized insurances through its website.

**Responsibilities:**

* Experience in developing **User Interface (UI)** applications and professional web applications using **HTML5, XHTML, CSS3, JAVASCRIPT, jQuery, AJAX, JSON and XML.**
* Experience applying the latest development approaches including **MVC, event-driven applications using AJAX, Object Oriented (OO) JavaScript, JSON, and jQuery.**
* Extensive experience in various UI widgets using JavaScript libraries like **Angular.js, React js, Express js and Node.js and developing Rich Internet Applications RIA.**
* Experience **with Ext.js, Sencha** for creating icons, Containers, Layouts.
* Expertise in Client Side designing and validations using **HTML, DHTML and JavaScript.**
* Very good experience in **Document Object Model (DOM).**
* Experience on working with **CSS Background, CSS Layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, Pseudo classes and Selectors.**
* Extensive knowledge in JavaScript, especially using **JQuery in AJAX-driven web applications.**
* J2EE Architecture was implemented based on **JSF** MVC Pattern, build UI widgets using **JSF ice faces.**
* Used **Facelet** Tags for flexible management of common parts in **JSF**.
* Experienced in software development using **SDLC** Software development life cycle methodologies, **Object Oriented Technologies**, **UML**, **Agile** methodologies such as **Extreme Programming XP, Scrum, RUP**.
* Responsible for checking cross browser compatibility and hence worked on different browsers like **Safari, Internet Explorer, Mozilla Firefox and Google Chrome.**
* Experience in working with third party web **services APIs and Web Services using AJAX and JQuery.**
* Professional in creating **Templates, Mockups and Prototypes, Web Interfaces, Layouts and Flow of Future Pages.**
* Experienced in using **Front End editors** like **Dreamweaver, Espresso, Text Mate, Sublime Text2 and Microsoft Expression Web.**
* Significant experience in web development tools like **APTANA STUDIO, Adobe Dreamweaver CS3, CQ5,Spring Tool Suite, Eclipse, and Firebug.**
* **Mongo DB** for storing document oriented data like patients medical reports by notations.
* Strong Experience in database design using **PL/SQL** to write Stored Procedures, Functions, Triggers and strong experience in writing complex queries, using **Oracle DB2, SQL Server and MySQL.**
* Good knowledge in the configuration management and version control software like **SVN**.
* Experience with **Eclipse IDE, Git, Github, Subversion.**

**Environment**: Angular JS, Ext JS, NodeJS, MEAN STACK, Grunt, Jasmine, Karma, HTML, CSS3, LESS, API REST Services, Spring MVC, IOC, DI, Batch, JavaScript, JQuery, Twitter Bootstrap, Git, Python, Sublime, Eclipse Java EE IDE, HTML5 Canvas.

**Client: North West Bank September 2011 - November 2012**

**San Francisco, CA**

**Role: Sr. Java Developer**

**Description:**

North West Bank, a family owned bank in Iowa. Mostly serving in Iowa and Nebraska. Mainly deals with Personal, Business, Mortgages, Agriculture, Private banking, Wealth Management. It mainly provides best community banking services and products.

**Responsibilities:**

* Analyzing the **requirements** and **estimating** the Level of effort.
* Involved in Full Life Cycle of **Software Development (SDLC)** from Analysis through Design, Development, Integration and testing phases
* Providing the **timeline** to business and giving updates every week.
* Achieving the timeline and delivering quality output to Business.
* Developed the **IPO** payment option module using  **JSF & Core Java** components in **Web logic Application Server**.
* Experience in giving High Performance rendering through **Facelets** by XHTML**.**
* Developed cross platform front ends using **HTML, CSS3, JavaScript, jQuery, JSON.**
* Wrote JavaScript functions using **Modernizer** to detect **HTML** and **CSS3**features in the browser.
* Used **JSF** Framework with AJAX in developing user interface UI components, RIA components.
* Used **chrome developer tools** for **debugging web pages**.
* Created usability prototypes for the **UI screens** using **JavaScript** and **jQuery.**
* Hands on Experience in using **Spring MVC, Spring Boot, Spring Integration**.
* Used **Hibernate** mapping tool for transparent DB persistency.
* Updates in the **ORACLE database** using **SQL, PL/SQL** by writing **materialized views, procedures, functions and triggers.**
* Deployment of application changes in **test** and **prod environments** (UNIX boxes) using **LINUX commands**
* **JavaScript animations** and **interactive HTML** components using **jQuery & AJAX.**
* Analyzing the **business requirements** and writing detailed **functional requirements** by going through the requirements with clients with respect to end user, system perspective and functional perspective
* Explaining the clients the **technical side** of the requirements of where exactly they fit into the system and proposing **new solutions/alternatives** to Business.
* Analysis of **requirements** and **writing** detailed **test cases** for the application before the application hasn't been developed.
* **Testing multiple scenarios** within multiple systems associated with an application and **identifying as many defects** as possible and logging them into a **tracker tool**.
* Preparing **design documents** for the **business flow** and specific functional requirements.

**Environment**: Core JAVA, J2EE, XML, AJAX, Oracle, Java Script, JQuery, JSF, , HTML, CSS3, JSON, Servlets, JSF, Web Logic.

**Client: Mphasis May 2009 - August 2011**

**Bangalore, India**

**Role: Java Developer**

**Description:**

Mphasis provides infra structure and technology and application outsourcing services as well as Architecture guidance, Application development and integration, management services.

**Responsibilities:**

* Involved in writing **Spring Configuration XML** file that contains declarations and other dependent objects declaration.
* Developed user interface using **BOOTSTRAP** **UI**, third party libraries **AT** task and Angular JS to simplify the complexities of the application.
* Hands on **Core** concepts in Multi threading and Collection frameworks.
* Inserted Dependency Injection between components using **Spring (IoC)** concept.
* Implemented **Asynchronous messaging** between **System Integration** components using **JMS [Spring JMS Template]**.
* Developed various **Java beans** for performance of business processes and effectively involved in Impact analysis.
* Developed Web Service client interface with **JAX -RPC** from **WSDL** files for invoking the methods using **SOAP**.  Developed **SOAP web services** for the **Downstream** Systems
* Extensively worked on **SOA** and **web services** to get the data from third party systems [**MDM**] and configured **JMS queues on server**.
* Back-end Java developer for **Data Management Platform (DMP).** Building **RESTful** **API**s in front of different types of **PL/SQL** storage engines allowing other groups to quickly meet their requirements.
* **Integrated Hibernate ORM** with **Spring-Hibernate framework to facilitate DML** and **DQL queries** and represent **object-database mapping**.
* Developed application service components and **configured beans** using **Spring IoC**, creation of **Hibernate mapping files** and **generation of database schema.**
* Worked on **parsing the XML files using DOM/SAX parsers**.
* Used **Apache Maven** as build tool.
* Involved in creating various **Data Access Objects (DAO)** for addition, modification and deletion of records using various specification files.
* Created tables, triggers, stored procedures, **SQL, PL/SQL** queries, joins, integrity constrains and views for multiple databases, **Oracle 10g** using **Toad tool**.
* Involved in **Unit Testing** of various modules by generating the **Test Cases**.
* Developed **Maven** Profiles for the build process and deployed in the server.
* Developed **logging** aspects using **Spring AOP**. **Spring Boot** for Stand-alone applications.
* Involved in **Bug fixing** of various modules that were raised by the testing teams in the application during the Integration testing phase.
* Prepared **technical** **reports** & **documentation** manuals during the program development.
* Used Rational **ClearCase** for version control and **ClearQuest** for **bug tracking**.
* Performed deployment of applications on **Unix** **box**

**Environment**:JDK, Bootstrap UI, Spring , Hibernate, XML, XML Schemas, XSLT, SOAP-UI, WSDL, JMS, Oracle 10g, PL/SQL, SOAP, SIF, MDM, JBOSS Application Server, IBM Clear Quest.

**Client: ICICI Securities June 2007 - April 2009**

**Bangalore, India**

**Role: Java Developer- Intern**

**Description:**

The Objective of new system is to enable ICICI private banking group PBG to strengthen their existing client and attract new client. The PBG System will enable the ICICI Private Banker and Client to create a tailored website, which will reflect each client s unique relationship with PBG. The functional requirements of the PBG Internet site is to deliver account information, news, marketing information, ICICI research and information about ICICI products/Services.

**Responsibilities:**

* Involved in analysis, design and development of e-bill payment system as well as account transfer system and developed specs that include **Use Cases, Class Diagrams, Sequence Diagrams and Activity Diagrams.**
* Involved in designing the user interfaces using **JSP**s.
* Developed custom tags, **JSTL** to support custom User Interfaces.
* Developed the application using **Spring Framework** that leverages classical **Model View Layer (MVC) architecture.**
* **Spring DI And Boot** for making project loosely couple and stand-alone application.
* Used **Eclipse** for writing code for **JSP, Servlets.**
* Implemented persistence layer using **Hibernate** that use the **POJOs** to represent the persistence database tables. These POJOs are serialized Java Classes that would not have the business processes.
* Implemented **Hibernate** using the **Spring** **Framework** (Created the session Factory).
* Implemented the application using the concrete principles laid down by several design patterns such as **MVC**, Business Delegate, **Data Access Object, Singleton and Factory**.
* Deployed the applications on BEA **WebLogic** Application Server.
* Developed JUnit test cases for all the developed modules.
* Used **CVS** for version control across common source code used by developers.
* Used **Log4J** to capture the log that includes runtime exceptions.
* Developed Oracle **SQL** functions, procedures to show horizontally and then formatted in Power Builder.
* Refactored the code to migrate from **Hibernate2.x** version to **Hibernate3.x**. (I.e. moved from xml mapping to annotations) and Implemented the **Hibernate** **Filters** and **Hibernate** **validators**.
* **DAO** and the hibernate transactions was implemented using **spring** **framework**.
* Used **AJAX** and **JavaScript** for validations and integrating business server side components on the **client** **side** with in the browser

**Environment:** Tree set, sorted setJava, J2EE, JSP, JNDI, Oracle 10g, DHTML, ANT, Rationale Rose, Eclipse 3.1, Unix, Web logic Application Server, JDK, Hibernate 3.0, Spring, eHCache, LOG4J, CVS.