**Sarat Chakadam**

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**Summary:**

* Over 7+ years of experience in software analysis, design and development of n-tier applications using **Java/J2EE**
* Expertise in development of software applications using **Java, Servlets, JSP**, **JSF, Struts, Hibernate** and **Spring frameworks**
* Experiences exposing business processes using **Web Services**
* Extensive B2B development work on **JMS, Web Services, Portal**
* Experienced with Servers including **Web Logic, Oracle 11g application Server** and**Apache Tomcat web server**
* Strong experience in working with **MVC Architecture**
* Extensive experience in **Eclipse IDE**
* Worked on **Agile** methodology and **SOA** for many of the applications
* Experience in **XML design patterns** and**XML beans**
* Expert in **RDBMS (ORACLE, PL/SQL**)
* Experience in **Core Java technology** which includes **multithreading, JDBC, RMI**
* Experience with **AngularJS, NodeJS,** Karma, grunt, JavaScript Libraries AJAX, JSTL specification, Custom Tag Libraries.
* Experience with large projects and products of both **Business** and **Academic domains**
* Involved in **Analysis**, **Design**, **Implementation** and **Maintenance** phases of **SDLC**
* Experience in all phases of software development including requirements gathering, domain analysis, high level design, low level design, application development, **QA** and operations/server administration, support and maintenance
* Good understanding of **Rational Unified Process, Waterfall Model** and **Agile(Iterative and Incremental) software development life cycle**
* Worked for **ISO 9000-2001** companies
* Experience in **OOPs** and **Extreme Programming** techniques
* Good **analytical** and **debugging** skills; systematic approach to programming tasks; good **interpersonalskills**
* Willingness and ability to learn and adapt quickly to the emerging new technologies and paradigms

**Skills:**

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| **Programming Languages** | J2SE1.4,1.5,1.6,1.7,1.8 |
| **Frameworks** | Struts 1.x,2.x, Spring 2.0.2.5.3.0, Hibernate 2.0,3.0, IBATIS |
| **Front-end Technologies** | HTML, HTML5, DHTML, JavaScript, EXTJS, AJAX, CSS 2.1, CSS 3,jQuery, DOJO, GWT, Angular Js |
| **Server Side scripting** | JSP,ASP,PHP |
| **XML Technologies** | XML, XSL, HTML, DHTML, XSLT, JNDI, LDAP, SOAP |
| **Web-Services/Tools** | JAX-RPC,JAX-WS, JAX-RS, Jersey, Apache XFire, Axis 1.0, JWSDP 2.0 |
| **Application/Web Servers** | IBM WebSphere 5.X/6.0, WebLogic 7.x/8.x/9.0, Websphere Portal 5.x, JBoss 4.0, Apache Tomcat 5.0/5.5, GlassFish4 |
| **Databases** | Oracle 8i,9i,10g, SQL Server 2005,2008, MySQL,DB2 7.0,8.0,9.0, PostgreSQL 8,9 |
| **IDE Tools** | IBM WebSphere Studio Application Developer (WSAD) RAD, Eclipse, JDeveloper 10.1.3, Net Beans, JBuilder, Visual Studio |
| **Unit Testing Tools** | JUnit, Mock objects in Spring, PowerMock, EasyMock |
| **HTML Editor** | Macromedia Dreamweaver |
| **UML** | Microsoft Visio, Rational Enterprise |
| **Versioning Tools** | CVS, SVN, Rational Clearcase, GIT/Stash |
| **Operating Systems** | Windows 98/NT/2000/XP/vista/7, UNIX, LINUX, Sun Solaris |
| **Build Tools** | Ant1.7.1, 1.8.4, 1.9.0, Maven2, 3, Jenkins |
| **Database Tools** | TOAD, MySQL Query Browser, Squirrel SQL Client |
| **Protocols** | SOAP, LDAP, HTTP, HTTPS, FTP, RMI-IIOP, SMTP, FIX |
| **Rule Engine** | CNSI-Rule IT |

**Work Experience:**

**Client: First Bank, Aurora, CO Apr 14 to Till Date**

**Role: Java/J2EE Developer**

**Project: Banking Management**

Description: Banking Management is an intranet banking project used for managing banking products. This application allows authorized users to access, update, and add products. Staffs and Managers are provided Access Rights based on the Right-ID. This application is used for handling various kinds of bank products like Credit card, CD, Mortgage, Money Market etc.

**Responsibilities:**

* Involved into analysis and design phase. Participated into discussion meetings (Scrum meetings) about the business requirements.
* Involved in designing the front end applications using web technologies like **HTML5, XHTML, and CSS3.**
* Involved in the development of Presentation layer using **JSP, HTML, CSS** and used **Spring framework**
* Developed using **Spring validation framework** and JavaScript for validation at front-end or server
* Worked in implementation of **MVC design paradigm** of **Spring framework**, object- relational mapping(**ORM**) using **Hibernate** and Oracle database at the back end
* Involved in injecting dependencies into code using concepts like IoC of **Spring Framework**
* Configured**Spring ORM** that provides simplified templates for accessing databases through ORM technologies, such as **Hibernate** in our case to access the database
* Involved in development of presentation layer using Spring framework, and MVC design paradigm
* Developed web Single Page Applications using **ANGULAR JS.**
* Developed Web Services using **SOAP, WSDL** and **JAX-WS** programming model
* Developed Session Beans and entity beans to implement the business logic and deployed into server
* Used WS-Security for providing security within SOAP messages
* Worked on **Spring DAO, Spring MVC and Spring AOP Interceptors** in Logging and Auditing
* Working with Jade, CSS, HTML, JQuery, JSON, **Angular JS, and Node JS** and JavaScript technologies for Front End User Interface design.
* Developed **Data Access Objects** (DAO), Session Facade, Service Locator, Business Delegate and Value Object patterns.
* Used **Hibernate for object-relational mapping** and for database operations in Oracle database.
* **Hibernate**which was integrated with Spring framework helped mapping Java classes to database tables using XML files and without writing any line of code
* Used **SVN** to check-in and check-out and co-ordinate among team members for **Version Controlling**
* Used Spring **JMS template** for the asynchronous exchange of critical business data and events among J2EE components and legacy system
* Performed unit testing using **JUnit**
* Followed a **RUP** process for software development.
* Worked in **Agile** work environment.

**Environment:** Java 7, J2EE, JDK, JSP, HTML, HTML5, CSS, CSS 3, Angular JS, EXTJS , EJB,JMS, Spring 3.0, Hibernate 4.1, Eclipse IDE, Apache Tomcat 7.0, AngularJS, Web services (SOAP), Apache CXF, JavaScript, Log4J ,PL/SQL, CVS, JUnit, RAD and Oracle 11g, Maven, Jenkins, SoapUI

**Toltec International Lakewood, CO Oct 12 to Apr 14**

**Position: Java/J2EE Developer**

As a J2EE developer, worked in a team of 4 in designing a 3- tier Electronic Medical Records (EMR) application. EMR is a Health Care Industry product that is used to manage increasing complexities in patient care from office visits to labs to billing.

**Responsibilities:**

* Involved in the designing the application architecture model
* Involved in designing the **Use Cases** and the **Class Diagrams**as per the **Functional Requirements**
* Developed an Intranet portal service on a **MVC architecture** using **Struts**
* Developed **JSPs** that talk to Java business layer on tier 2
* Performed coding in Java/J2EE technologies using **Eclipse IDE**
* Configured **Struts-config.xml** andcreated resource bundles
* Applied design patterns such as Factory, Session Facade
* Created the **Action forms**to tie the business logic
* Used **Log4j**for application logging and configured loggers and Appenders
* Used **Struts Tiles** and Validation frameworks for front-end and server validations
* Developed EJB components as part of the core business logic
* Created **Stored Procedures** and **PL/SQL**where they can be compiled and called later for more efficiency
* Used **JDBC API, JNDI** for Connection Pooling and interaction with the database
* Handled creation and parsing of **XML** Documents using SAX Parser
* Implemented **SOAP**as request and response to the **Web Services**
* Performed unit testing using **JUnit**
* Provided support and coordination in QA Testing, UAT and Production phases of the application
* Designed and developed software modules which adhere to published standards for coding and design in the agile environment to solve business problems as outlined in the functional specifications

**Environment:** Java, J2EE, XML, JavaScript, HTML/HTML5, CSS/CSS 3, Struts 2.1 Framework (Tiles, Validator plug-in used), ANT, Log4J, JUnit, Apache Tomcat, AngularJS, WebServices (SOAP, REST), Axis 2, Jersey, EJB 3.0, Windows 7, Oracle 11g

**All State Insurance, Denver, CO Mar 11to Sep 12**

**Role: Java/J2EE Developer**

**Project: P & C Ratings**

Description**:** P & C Ratings is a J2EE based application which provides rates for the insurance policy premiums based on customer information. Premium Calculations, Actuarial Workbench and Transformation are three major sub-projects under this effort.

**Responsibilities:**

* Involved in design session with lead architects
* Developed the project using **Agile approach** (Pair Programming, TDD, Continuous Integration)
* Involved in design and Development of **UI using HTML, JavaScript and CSS.**
* Created an internal browser based text editor using html, **CSS, javascript, jQuery**.
* Utilized **Spring framework** for bean wiring &**Dependency Injection** principles
* Created & maintained the configuration of the Spring Framework’s IoC container
* Develop **JSP, Servlets, Action classes** and **Form beans** on the server side using **Struts MVC**
* Developed user interfaces using **CSS, Ajax** and **JSF** UI Components
* Developed **Struts validation framework** and JavaScript for validation
* Implemented persistence layer with **Hibernate APIs**, **XML mapping files** and using **HQL**
* Extensively used Hibernate for data retrieval from the database using various querying techniques like Hibernate Query Language (**HQL**), Query by Criteria, Native SQL
* Implemented Hibernate and Spring's DAO layer together offer a high performance, productive approach to persist Plain Old Java Objects (POJOs)
* Developed Web Services using JAX-WS **SOAP** calls
* Developed mediations to transforms data between various types
* Used **Log4j** for the logging and debugging purposes
* Developed **SQL Queries and Views** for handling Database activities in **Oracle/MS SQL Server**

**Environment:**Java, Spring, Hibernate, SOA, MQ Series, Apache Tomcat 6.0, IBM Web-Sphere 6.1, JSP, Servlets, Struts 1.2, XML, ANT, log4j, Oracle 10g

**Client : South Baylo University, Anaheim, CA Nov 09 to Mar 11**

**Title : Java/J2EEDeveloper**

**Project: Redesign of the Intranet Portal Application**

**Description:** This Project deals with the content management for University Intranet. This involves re-designing and integrating developing new web-applications for the student portal. The goal is to integrate different applications built in different platforms and provide a one stop Solution for the portal.

* Responsibilities include understanding requirements; design the content management and delivery solutions.
* Created a batch process framework using java multithreading to cascade multiple changes on multiple records in one transaction.
* Created design documents (Class Diagram, Use Case Diagram, Sequence Diagram) using use cases and technical architectural document.
* Developed User Interface with effects and animations using java-script, Ajax, JQuery, Flex, JSF, JSP, Flash and HTML5.
* Used JSF MVC architecture for development.
* Used J2EE, Java, JSP, JSON, PL/SQL, XML, Hibernate, JavaScript, Apache and Tomcat technologies.
* Work with architects, designers, developers to translate data requirements into the physical schema definitions for oracle coded PL/SQL sub-programs and modified the existing PL/SQL program units.
* Designed and Developed PL/SQL stored procedures and functions
* Involved with projects as a Solution, Integration, Architect, Mentor and trainer, using WebSphere and well as Rational tolls , such as WebSphere Application Server (WAS), WebSphere Portal Server (WPS).
* WebSphere DataPower integration as an ESB for transforming, routing and enriching the incoming requests.
* Development using XSLT programming to transform XML messages.
* Worked on flow control and exceptions.
* Worked on OOP Multi Threading.
* Installed MS SQL Server 2008 database.
* Configured and used Hibernate in Persistence Layer
* Enabled logging functionality using Spring AOP into the project using Log4j.
* Developed WebServices using Jax-WS and Jax-RPC style development in Java.
* Built Ant file for the project deployment.
* Used JUnit for test driven development and perform unit testing

Environment - WebSphere 6.1, Struts, JSP, Java, Flash, Flex, J2EE, SOAP, HTML, JavaScript, JQuery, CSS, XML, XSL, Spring, Hibernate and DB2, SQL Server

**Data Analysis and Software Solutions (DASS) Apr 08 to Nov 09**

**India**

**Role: Java Developer**

Description: The modules developed were the part of Business Layer. They mainly dealt with the creation of wrapper classes, joining the business layer with the backend database and performing various kinds of testing.

**Responsibilities:**

* Developed the **Java** based modules to interact with the database (Oracle) at backend.
* Developed **SQL** queries using **Toad** as editor.
* Developed the **stored procedures** and **PL/SQL** to be called from program.
* Involved in **DatabaseDesigning** including **ER Diagram** and **Database Normalization (3NF).**
* Involved in testing the modules with **JUnit**, **Black box and White box testing**.
* Developed the **test specifications** as per the want of client.
* Involved in deployment and test of  **JAR** files in the production server
* Assisted the **System Analyst** in the design of the software.
* Involved in the integration of the project modules.
* Communicated with the client for requirements gathering and changes.

**Environment:** Java, Oracle 10g, Toad,Eclipse, Ant, SVN