**Hema Latha**

Java/J2EE Developer

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### Professional Summary:

* Overall 7+ years of extensive experience in **object-oriented design/analysis, Java development, web services** for **service-oriented architecture**, and data modeling, skilled at progressing from problem statement to well-documented designs and code
* Strong hands on experience in programming with J2EE and associated technologies including **Servlets, JSP, Spring, Hibernate, JDBC, Struts, EJB, JSF and SOAP/Rest web services**
* Strong hands on experience developing applications using **Spring Framework, Spring Core, Spring IOC, Spring MVC, Spring ORM, Spring DAO, Inversion of control and Dependency Injection**
* Good knowledge of **Software Development Life Cycle** process, which includes translation of requirements into functional and technical specifications, Designing, Developing, Testing Implementation & Post Production support using development methodologies like **Waterfall, Agile/Scrum.**
* In depth knowledge on core java concepts such as **OOPS, Collections, Threading, generics, Exception handling, Thread pools, Execution services, concurrent utilities, File IO and Serialization.**
* Experienced in designing the Front end pages using **HTML, CSS, Java script, JQuery, JSF, AJAX and Angular JS.**
* Worked extensively on **Management beans** to handle various configurations.
* Strong experience in designing and developing data models and accessing from Java applications using **SQL, PL/SQL and ORM tool Hibernate.**
* Extensive knowledge on **Spring AOP concepts.**
* Good experience on **SOA architecture** and web services **(SOAP, WSDL, UDDI)** using Apache Axis2 and RESTful web services in java with **JAX-RS** reference implementation Jersey
* Experience implementing **Enterprise Java Bean (EJB)** technology as a middle layer for communication with database servers.
* Hands on experience in in **XML** related technologies **JAXP (SAX, DOM), JAXB** parsers for parsing XML in to Java object.
* Experience in working with application servers like **IBM Web Sphere, Web Logic, JBOSS, and Apache Tomcat**.
* Strong Experience on coding **Queries**, **Procedures** and **packages** in **SQL.**
* Extensively worked on**UNIX shell scripts** to do the batch processing.
* Hands on experience in configuring and using **Maven and Ant** build tools**.**
* Expert in using version control tools such as such as **SVN , CSV and GIT.**
* Experienced in writing and implementing unit test cases using **Junit**, **Easy mock** and **Mockito**.
* Determined, committed, hardworking with strong communication, interpersonal and organizational skills.
* Works well in challenging, fast-paced, high-stress and deadline-oriented environments individually or as part of a team
* Ability to adapt to evolving technology, strong sense of responsibility and accomplishment.

**EDUCATION**

Masters in Computer Applications, Kakatiya University, India

**TECHNICAL SKILLS**

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| **Java/J2EE Technologies** | J2SE, J2EE, JDBC, JSP, Servlets, JMS, EJB, SOAP and Rest web services |
| **Frameworks** | Spring , Spring MVC, Hibernate, Struts, JSF, JQuery |
| **Database** | Oracle (SQL & PL/SQL) , My SQL,MongoDB |
| **Methodologies** | Agile, Waterfall model, Scrum |
| **Version Control** | SVN, CSV, GIT |
| **XML Related and Others** | XML, DTD, XSD, XSLT, JAXB, JAXP, XSL, JAXB, SAX, DOM |
| **Web Services** | Restful services, WSDL, SOAP, JAV-WS, CXF, AXIS, JAX-RS, JERSE |
| **Building tools** | ANT, Maven, Jenkins |

**PROFESSIONAL EXPERIENCE**

**Client: Otsuka Pharmaceutical, Rockville, MD Feb 2014 – till date**

**Role: Java/J2EE Developer**

**Description:**The Canada Revenue Agency has specific requirements on how insurance deductions and employer contributions are handled in payrolls. This process is used to enter the insurance amounts and calculate the insurance premium and related taxes and send to Otsuka Payroll third party system (ADP) to process into payroll. The insurance year goes from May 1 to April 30. The insurance broker will provide the SSQ report detailing the insurance amounts for the benefit year. The insurance amounts will be uploaded effective May 1. Changes can be made throughout the year including adding new employees, changing and deleting insurance amounts as needed.

The main functionality of this application is to provide a convenient way for HR or Applicants to enroll their insurance policies through on line policies based on divisions/Unions rules. This application is only for those whose are eligible based certain benefit groups. Otsuka offers very flexibility for their customers with different plans, and various choices of insurance policies.

At the time of choosing plans, applicants must create their own user name and password for saving their plans to respective accounts. If next time the applicant wants one more plan to select in his quote, he just needs to login by using the credentials and save that particular plan to their respective quotes.

**Responsibilities:**

* Actively involved in software development life cycle starting from requirements gathering and performing Object Oriented Analysis.
* Analysis, design and development of Application based on **J2EE** using **Spring** and **Hibernate.**
* Used **spring framework** for Dependency Injection (IOC), Model View Controller (MVC)andintegrated with **Hibernate framework**
* Used **spring API** to translate technology specific exception into consistent unchecked exceptions.
* Integrated Spring DAO for data access using with **Hibernate** to implemented CRUD operations against Data base.
* Implemented Second level of caching using **Hibernate** configuration files and EHCache provider.
* Implemented **Hibernate join strategies**, to select elements from different tables in efficient way.
* Used **SQL, HQL and Hibernate** Criteria queries, depending on the complexity of the Object.
* Implemented Separate controller per form using **Spring MVC** components like Dispatch servlet, view resolver and Request mapping annotations.
* Implemented Proto type beans and integrated with singleton beans using **Spring** lookup method injections.
* Worked extensively on Management beans to handle various configurations.
* Used **Bugzilla** to track application bugs and their status.
* Used **Eclipse IDE** to develop application.
* Modified the existing **Backend code** for different level of enhancements.
* Involved in **Agile SCRUM** methodology.
* Implemented business layer using **Spring** beans, created helper classes to navigate to different layers in applications.
* Implemented Transaction handling using **spring declarative transaction** management for DAO layer.
* Used **Rest API** with **JAX-RS** for consuming web services. These web services have two interface XML and JSON.
* Used Oracle as the backend database and integrated with Hibernate to retrieve Data Access Objects.
* Worked on packages to run using dynamic Sql and developed **UNIX Shell scripts** for recurrent processes.
* Implemented a security module in **AngularJS** which integrated with the Spring security in the backend with Authentication and Authorization.
* Configured and used **Mavenscripts** to deploy application in server.
* Involved in preparing the test cases using **Junit** and **Easy mock** test case and in the testing phase.
* Worked with Quality Assurance team in tracking and fixing bugs.
* Utilized **TOAD** to produce SQL questions for the applications, and to see the reports from log tables.
* Responsible to fix the issues raised by QA.

**Environment:** Java. J2EE, Spring, Hibernate, Rest web services, JSF, AJAX, JSON, Maven, JUnit, Angular JS

**Client: Robo Bank , New York Aug'12–Dec'13**

**Role: Java Developer**

**Description:** Rabobank Group is a financial services provider operating on the basis of cooperative principles, while offering an extensive range of financial services and products. BBB is an integrated loan maintenance system that is intended to provide Rabobank with benefits of portability, concurrency and availability resulting in greater user friendliness and enhanced productivity. This Project was involved in maintaining Rabo Bank loan details and to estimate the net profit and loss.

**Responsibilities:**

* To analyze the root cause for a problem raised, and provide quick solution as soon as possible.
* Used **Agile Scrum** to manage the full life cycle development of the project.
* Developed application **using Spring MVC, JSFs, AJAX, Hibernate and SOAP/Rest web services** on the presentation layer, the business layer is built using spring and the persistent layer uses **Hibernate** with Web Sphere Application Server.
* Used **Spring** configuration files and its application context object for creating various factory objects with spring container.
* Created **Spring MVC** components like Dispatch servlets, configure Request mapping annotation controllers, view resolver components.
* Used **Hibernate** with **JPA annotation** and created several persistent classes includes Hibernate core interfaces, annotations.
* Implemented **Spring controllers** with annotations, validations using model attributes to pass request from presentation layer to helper classes.
* Developed Reference Architecture for in **SOA** Environment.
* Ensured Service design fits into overall **SOA** driven program.
* Developed **DAO classes** with **JUnit** using **Spring DAO package** for data access and data manipulation.
* Added and modified existing Business **Jrules** based on continuously changing business requirements
* Developed **JMS** components to send messages from one application to other application internally.
* Built Enterprise Java Beans with Point-to-Point messaging functionality and MQ Series as **JMS** provider.
* Integrated **Spring** with **Hibernate** using configurations and implemented DAO layer to save entities into data base.
* Extensively used **Hibernate** ORM in data access layer to write DAOs. Developed **hibernate** mapping and Configuration file.
* System analysis and deliver integration specification which includes interfaces exposed, technology and protocols used based on Oracle SOA suite of products mainly BPEL, Service Bus and Weblogic application server including **JMS** resources.
* Implementation of asynchronous workflow engine based on **JMS** and **EJB** entity bean.
* Developed custom directives, Factories and Services in **AngularJS.**
* Experience in installation, configuration, Deployment and management of web and enterprise applications on BEA **Weblogic Server** and **JBoss** Application servers.
* Taken care of complete **Java multi threading** part in back end components.
* The web UI is implemented with DOJO JavaScript framework that includes drag-and-drop, tree and grid controls, and floating panes.
* Created different XML documents using **XML, XSD and XSLT**. Used Light DOM parser, and SAX parser for transforming the XML data.
* Oracle 11g used as backend, Worked on SQL queries for persistence of Business Objects using **JDO** as **ORM**. Involved in creating different **SQL** scripts.
* Used **Maven** to build application and deploy on the server.
* Configured and created application log files using **Log4j** required to trace application and **GIT** for version controlling.
* Testing is done through **Junit**.

**Environment:** JDK , Java, JSF, Spring, Servlets, Hibernate, SOAP/Rest web services, AJAX, Web Sphere, Oracle ,Apache-Maven, GIT,J Boss, Junit.

**Client: Behr Process Corporation, Santa Ana, CA Aug'10–Jul'12**

**Role: Java Developer**

**Description:**Trinity is the official website for Behr Process Corporation, which is an industry leader with a reputation for the highest quality paints, stains and varnishes. Trinity is enhanced with additional features like ScrapBook, ShoppingList and Image Upload. This project provides for constructive online decisions by rendering visualizing effects to the customers with interior and exterior painting options

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC)** such as requirements gathering, analysis, design, development, testing and production environments.
* Worked on **Agile Development Methodology** using Scrum **concepts**.
* Worked in the web module of the project called Colorsmart.
* Worked in developing Spring related backend services (For the flex to access the database).
* Implemented page specific controllers using **Spring MVC** components like @Controller, View resolver, dispatch servlet and calls respective helper classes.
* Implemented business components using **Spring annotations** like **@auto wired, @Qualifier, @component, @service**, etc.
* Implemented caching mechanism using **Spring cache annotations**, configuration properties using EHcache provider.
* Implemented presentation layer of application using **HTML, CSS, JQuery and Ajax calls**.
* Implemented transaction management using **Spring declarative transaction management** and spring **AOP** advices, point cuts.
* Implemented **Hibernate** Entity classes that map data base tables using Hibernate annotations.
* Implemented **Hibernate utility** classes that used as base implementation for DAO layer.
* Implemented **Hibernate second level caching** at hibernate level using EHcache provider.
* Implemented Search based queries using **Hibernate Criteria Query** interface.
* Implemented **Rest based web services**, implemented security using**JAX-RS** annotations to handle data formats.
* Build **Maven** Scripts for the application deployment and integrated with **Jenkins** server.
* Involved in writing test cases, implement unit test cases using**Junit** and **mocking frameworks.**

**Environment:** J2re1.4.1\_01, Jdk1.5.0, Windows O/S, Unix O/S, DB2, SQL, JBoss, Apache Web Server 2.2, Struts 2.0, Spring 2.0, Hibernate 3.0, Eclipse 3.2, RAD 6.0, EJB 3.0, JPA, J-Unit, maven 2.0.4, jalopy,CVS, log4j 1.2.14, XML Parser, Jasper Reports, XSLT, XML DOM, ANT.

**Client: Liaison Intl, Santa Ana, CA Mar'09–Jul'10**

**Role: Java Developer**

**Responsibilities:**

* Worked in **Agile Environment** and Iterative development Process using **Scrum** concepts.
* Responsible for design and development of the front-end using **HTML,JSP,CSS,JavaScript**.
* Designed and Developed complex UI screens using **HTML, CSS**, **AJAX**, **JSP**, **JQuery**, JavaScript for request management and search and filter modules.
* Developed Struts Action Forms, Action classes and performed action **mapping using Struts Config Xml.**
* Hibernate is used for ORM and perform CRUD operations with DB.
* Applied **J2EE design patterns** like Singleton, **Data Transfer Object (DTO), Data Access Objects (DAO), Front Controller** and **Adapter** during the development of components.
* Developed and deployed Action Classes and **JSP** for **Dynamic HTML** generation.
* Developed **SOAP** web services utilizing business logic for CRUD functionality and **RestEasy** web services for creating reports
* Implemented stateless **session beans** in business processing layer.
* Deployed on **JBoss 5.1** enterprise server with **JBoss Native and Metro** stack using document literal style web services.
* Used **GWT** for compiling the code written in JAVA to JavaScript code and to write client side application in JAVA.
* Used XML parser APIs such as **JAXP** and **JAXB** in the web service's request response data marshalling as well as Un-marshalling process.
* Implemented Graphical User Interface using **JSP, JSF, HTML, JSTL, CSS**, JavaScript and **custom tags** and **Struts Tags**.
* Implemented DAO layer and mapped data base tables with **Hibernate** Entities using annotations
* Created inheritance mapping and integrated with **Hibernate template** method calls.
* Developed reports in **Perl** for the end users.
* Used Custom **node.js** proxy used to simulate API responses before client implementation was complete.
* Develop the **Perl** and **Shell** scripts to automate the finance billing file.
* Implemented **Spring ORM** for data persistence support for **Hibernate**.
* Built and edited **Spring-Hibernate** configuration file for subprojects.
* Used **SOAP UI** for **JAX-WS**and **JAX-WS API** for creating **XML**-based web services.
* Involved in writing **CSS** scripts and **JAVA** Scripts.
* Worked on Groovy Support with **Quark framework.**
* Used spring **JDBC** to connect to database for web services and Worked On**Test Driven Development.**

**Environment:**Java, J2EE, MVC,Agile, Servlets, Spring, JSP, XML, HTML, DHTML, Maven, Tag libs, REST, CSS, JavaScript,CSS,JBOSS,JSON, JQuery, AJAX, JSON, CAS, Eclipse, Apache Tomcat 7,Perl,Shell,JSF, QUARK,ORM,JAXB,JAXP,DAO,DTO.

**Client: Andhra Bank, Hyderabad ,India Jun'07–Dec'08**

**Role: Java Developer**

**Description** : This is a web based intranet call center application helps client to provide efficient customer service for credit card transactions. This application provides a better interface to manage credit card transactions when the customer calls customer service representative.

**Responsibilities:**

• Responsible for design and development of Web Application using Struts Framework and written Action Classes, Form Bean Classes and configure the Application using Struts Configuration file.

• Did technical design to conform to STRUTS (MVC) framework.

• Wrote server side programs by using Servlets and JSP.

• Designed and developed the HTML front end screens and validated forms using JavaScript.

• Made use of almost all Object Oriented concepts like Inheritance, polymorphism and Abstraction.

• Application and user level configurations have been maintained by using XML Files.

• Widely used HTML for web based design.

• Implemented MVC using Struts Framework.

• Utilized Servlets to handle various requests from the client browser and send responses.

• Created and implemented PL/SQL stored procedures, triggers.

• Designing and documenting of the stored procedures.

• Coding Test Classes using Junit for unit testing, Performed functional integration system and validation testing.

• Implemented design patterns MVC, Session Facade for developing the application.

Environment: Java 2, J2EE, JSP, Servlets, HTML, DHTML, XML, JavaScript, Struts 1.1, Eclipse, WebLogic, PL/SQL, Oracle9i.

**References**

Available upon request