**Saroj Dahal**

**PROFESSIONAL SUMMARY:**

* Over 7+ Years of professional experience as a **Java/J2EE** developer with broad range of expertise in Web based applications.
* Good Domain experience in Telecom, Finance, Insurance and Retail Market Web Applications including Development and Production Support.
* Extensive experience in **all phase of the project life cycle** including conceptual, functional and technical design as well as application programming.
* Experienced in building all phases of the software development life cycle including requirements analysis, applications **design development, maintenance, implementation and testing** of various client/server, N-tier and web applications.
* Excellent hands on experience in developing web based applications using **Open Source control framework** like **Apache Struts and Spring Framework**, which involves **MVC Architecture**.
* Having knowledge on **Integrating Spring framework** and **rules engine framework** and configured development setup
* Experience on Web Technologies **using Java, Spring, Hibernate, HTML4/5, CSS, JavaScript, Bootstrap, JQuery, JSON, AJAX.**
* Extensively worked on **ORM** tools like **Hibernate** and widely experienced in implementing **Hibernate Inheritance/ Collection / Association Mapping.**
* Solid experience as a Java/J2EE developer in over 5 projects in span of over 6 years.
* Well-versed with **SVN** and build tool **Maven, Agile Methodologies**.
* Proficiency in core java concepts like **Threads, Exception handling, Generics, Strings etc. using: J2EE, Java, Servlets, JSP, WebServices, XML, HTML5 and JavaScript**.
* Strong work experience in application integration using **WebServices such as JAX RPC, JAXB, JAX-WS, SOAP, WSDL, JAX-RS, Restful** and good hands on experience on back end technologies like Oracle and Content Management Systems.
* Experience on Java 1.8, Spring Boot and AWS cloud.
* Proficiency in application servers such as **IBM WebSphere, WebLogic and Apache Tomcat**.
* Experience working with **Agile, Waterfall, RUP and Test Driven methodologies**.
* Expertise in web-based GUIs development using **Swing, JSP (Java Server Pages), HTML5, DHTML, CSS3**.
* Extensive experience in implementation of the version control software **SVN, CVS, GIT**.
* Designed applications using J2EE Design Patterns like **MVC, Observer, Strategy, Facade, Singleton, Prototype, Composite and Data Access object.**
* Experienced in developing server-side components using Servlets for **HTTP request processing**.
* Strong Database (RDBMS) development experience in writing queries, functions, stored procedures, triggers, and views in **Oracle, SQL, PL/SQL**and also experience in **Ajax and JavaScript validation framework**.
* Expertise in developing database application using **Oracle, MySQL, SQL Server**.
* Hands on experience in UNIX environment, **shell scripting, socket programming**.
* Involved in understanding functional specifications and developing creative solutions to meet business requirements.
* Excellent interpersonal abilities, communication skills, time management and team skills with an intention to work hard to attain project deadlines under stressful environments.

**Technical Skill:**

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| Languages | Java 1.7, 1.8, C, C++, SQL and PL/SQL |
| Technologies | JSP, Servlets, JNDI, JDBC, Hibernate, Springs, JSTL, Spring Boot,AJAX, Web Services (SOAP, WSDL), JAX-WS, HTML5, Restful Web Service, HTML, Log4J, XML,XSLT, XPath. |
| Software Development Methodologies | Agile, Scrum, RUP and Waterfall. |
| IDE's/ Development Tools | Spring Framework, Hibernate, Maven, JUnit. |
| Framework and Tools | Eclipse, JIRA |
| Version Control Tools | SVN, Git |
| Database | Oracle, MS SQL server, DB2, MySQL |
| Web/ Application Servers | WebSphere 8.0/7.0/6.x, JBoss 7.0, Apache Tomcat 7.0/8.0 |

**PROFESSIONAL EXPERIENCE:**

GM Financial, Dallas, TX Nov 2015- Current

JAVA Developer

GM Financial is a leading financial Service company. The Membership Rewards website of GM Financial allows credit card members to manage their MR accounts online, as a sub-function within Manage Your Card Account (MYCA). Users can redeem their points for free flights, hotel accommodation, car hire, and exciting new merchandise from this site.

***Key Projects and Achievements:***

* Involved in requirement analysis, design, coding and implementation in an Agile Methodology.
* Involved in designing and developing Buy-Online and Chargeback Automation modules.
* Used Spring MVC pattern to maintain the Admin Portal.
* Involved in implementing export to excel functionality using Apache POI.
* Published Rest services for resources such as store, user, trait, department and category to get the information from database.
* Microservices development using Spring boot, Camel, Groovy, ActiveMQ, Spring REST, hibernate etc to replace legacy Mule based ESB system
* Used Spring framework features like IOC, MVC, AOP and Hibernate Template.
* Built Spring boot based Java microservices to support enterprise web application
* Designed and developed a RESTful Micro Services backend application using Spring Boot, SpringJPA, and Spring Security with Angular frontend.
* Involved in developing business components and managed transactions using Spring declarative method.
* Designed the user interactive (UI) web pages using web technologies HTML, Java Script, AJAX, JQuery.
* Designed and Developed Web services using SOAP and REST API.
* Implemented DAO layer using Spring JDBC Template and Hibernate Template API.
* Proficient in ORM frameworks using Spring Data JPA Hibernate EH-Caching.
* Involved in unit testing and system testing and also assisted QA people for preparing test scripts for the system testing.
* Implemented logging and security for the whole application using Log4j.
* Used SQL, PL/SQL in constructing views, indexes, stored procedures relational database models.
* Responsible for the successful execution of Project Planning and Deployment cycles.
* Provided end to end support for the system and involved in coding and testing.

**Environment:** Java, J2EE, Spring, Servlet, JDBC, JavaScript, Spring boot, JQuery, SOA, JAX-RS, Eclipse, SOAP, services, Hibernate, XML, Maven, JIRA, Log4j, Sonar, Oracle, SVN, Encryption, Apache Tomcat, WebSphere Server.

Fannie Mae, Reston, VA May 2013- Oct 2015

JAVA/J2EE Developer

Lender Processing Services, a leading Internet-based secondary mortgage marketplace, offers whole loan bulk and flow trading. LPS has developed a trading platform for structured products like Collateralized Mortgage Obligations (CMO), Asset-Backed Securities (ABS) and Commercial Mortgage-Backed Securities (CMBS)This trading system is efficiently designed to share the benefits of low overhead, greater liquidity, and transparency with all the traditional market participants.

***Key Projects and Achievements:***

* Feasibility analysis, estimation, analysis of existing application to support the rewrite, prototyping, impact analysis, coding, code review, bug and defects fixing
* Developed REST web services to interact with UI.
* Used spring message converters to directly convert the Java objects to and from JSON.
* Used REST Controllers to replace the existing operations layer which acts as bridge between business layer and the UI.
* Implemented many design patterns such as MVC, Singleton, Delegate, Adapter and Façade to resolve design issues.
* Extensively used Spring MVC and IOC for dependency injection.
* Used Spring BOOT to create stand-alone spring applications
* Used Spring Boot which is radically faster in building cloud MicroServices and develop Spring based application with very less configuration
* Used Hibernate ORM framework with Spring framework for data persistence and transaction management
* Used AXIS API to interact with SOAP web services.
* Used REST, Restful and SOAP Web Services to exchange information.
* Used JMS for vendor communication
* Developed User Interface using Servlet, JSP, JavaScript, AngularJS and XML.
* Used Spring AOP for logging
* Developed search tool using NoSql with Spring Data.
* Involved in multi-tiered J2EE design utilizing Spring Inversion of Control(IOC) architecture and Hibernate
* Wrote server side test cases using JUnit
* Tortoise SVN is used for version control.
* Followed agile software development using JIRA.
* Used Web Storm IDE for UI development and Eclipse IDE for back end.
* Performed deployment of applications on JBoss.

**Technologies:** JAVA6, J2EE, Spring 3.2.3, JBoss 7.0, Spring MVC, Rest Services, Angular JS,Java Script, JQuery, Eclipse , XML, DOM, TestNg, Maven 3.0, Oracle 11g server, SQL Developer, Hibernate, SOAP Web services, SVN, JIRA tool.

Genentech, San Francisco, CA Nov 2010- Apr- 2013

Software Developer

The Financial Impact Tool (FIT) is a collection of complex Excel templates that internal sponsors are required to complete for projects and collect cost and benefit information and perform various financial calculations that measure the financial efficiency of a project. These measures -along with basic cost and benefit data - are shared with multiple reporting audiences like IP Support, Ops Council, ELT, etc. FP&A would like to automate the tool - moving it from a file-based tool to a web-based front end and database backend.

***Key Projects and Achievements:***

* Involved in deploying the application with Spring Framework and Hibernate
* Involved in gathering business requirements, analyzing the project and created UML diagrams such as Use Cases, Class Diagrams, Sequence Diagrams and flowcharts for the Optimization module using Microsoft Visio.
* Implemented the AJAX, JSPs, and Servlets, in the MVC Struts Frameworkto effectively handle the workflow of the application.
* Developed Action classes to handle HTTP client requests by using HTTP Servlet Request, HTTP Servlet Response, Action Mapping and Action Form objects.
* Worked with Core Spring Framework for Dependency Injection, Spring Context to provide message sources
* Developed Spring Configuration file to define data source, beans and Hibernate properties
* Designed and developed the User Interface using JSP, JSF, HTML, CSS and JavaScript
* Various JSF, Rich faces tagswere used to implement asynchronous requests to web container
* Worked with Spring web flow to represent UI flow
* Implemented Design Patterns like MVC, Session Facade and Data Transfer Objects
* Used Hibernate Docket tags to generate hbm.xml files
* Worked with Hibernate for developing Persistence classes to interact with the database
* Implemented WSDL XML document to located and describe the web services
* Developed Ant scripts to deploy EAR, WAR files for deployment into server
* Successfully executed all the test cases and fixed any bugs/issues identified during the test cycles
* Worked with Log4J for logging purpose in the project
* Involved in building and deploying scripts using Maven to generate WAR, EAR and JAR files

***Environments:*** Java, J2EE ,Servlets, MVC Struts, Spring, PL-SQL, HTML, WebSphere Application Server, Rational Rose, UML, MS Visio, Rational Unified Process (RUP), XML, Oracle, VSS, Log4J, Unix.

**Education:**Bachelor’s in Information Management, Tribhuwan University.