**Bibek J. Karki**

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###### PROFESSIONAL SUMMARY:

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* Java programmer with **7 years** of experience in all phases of Software Development Life Cycle, which includes Analysis, Design, Development, Testing, Implementation and Support.
* Experience in design and implementation of client/server and web applications using J2EE (EJB, Servlets, JSP, JSTL, JDBC, JNDI, JMS) and XML technologies (XML, DTD, XML Schema, XSL and XSLT).
* Experience in designing and developing solutions using the MVC Architecture with Struts and Spring.
* Experience in developing Business Components by Using EJBs.
* Expertise in using JPA, Hibernate OR Mapping and Spring framework.
* Strong Java programming skills with good understanding of middleware concepts like Transactions, Connection pooling, and Messaging.
* Used **Hibernate, Spring JDBC and SQL left and right joins** to execute database communication, SQL to execute SQL queries to the database tables, JMS for reliable and asynchronous communication.
* Designed and developed various **Simple and Complex Queries, PL/SQL procedures, Stored Procedures, Trigger and Functions.**
* Used **Oracle 10g** as database and Involved in the development of **PL/SQL backend implementation and using SQL created Select, Update and Delete statements.**
* Implemented various **XML technologies like DTD schemas, JAXB parsers, XSL style sheets and XSLT.**
* Used **Apache MQ series to send and receive XML sheets by writing a java code on JMS client.**
* Good knowledge on using Design Patterns like DAO, Singleton, Session Façade, MVC,and Factory.
* Experience in developing web services using JAX pack (XML, SOAP, UDDI, and WSDL).
* Extensive knowledge of Front End Technologies AJAX, JSTL, JSP, HTML, DHTML, JavaScript and CSS.
* Extensive experience in different Ides’ like Eclipse, WSAD, JBuilder and NetBeans, JDeveloper.
* Extensive experience of designing and developing software applications with the **JDK , J2EE, EJB, Java, JSP, JSF, Servlets, Java Beans, AJAX, ORM, Web services, JDBC, XML, JavaScript, JQuery, AngularJS, CSS/3, HTML/5, SOAP, REST.**
* Skilled in **Web designing & development, using HTML5, CSS3, JavaScript, PHP, jQuery, XML, Bootstrap, AngularJS, JSP, JSON, JSF and AJAX.**
* Experienced with AngularJS directives **ng-app, ng-init, ng-model for initialization of AngularJS application data, implemented AngularJS Expressions, Directives, Controllers, filters and created Angular JS service layer.**
* Experience on performing Unit test by using Junit.
* Experience in Using ANT Build Tool.
* Extensive experience with databases such as Oracle, MySQL, DB2 and MS Access.
* Proficient in SQL, PL/SQL, Procedures/Functions, Triggers and Packages in Oracle.
* Experience modeling UML diagrams like Use Cases, Sequence diagrams, Activity and Class diagrams using Rational Rose.
* Experience in using Source Code Management repositories like VSS, CVS, Sub Version or Rational Clearcase.
* Worked on multiple Operating Systems like UNIX/Linux and Windows.
* Motivated team player with ability to work under minimal supervision possessing strong analytical, problem solving and communications skills.

###### EDUCATION:

Bachelors inElectronics and communication, Pulchowk Campus, 2011

###### TECHNICAL SKILLS:

**Programming Languages:** Java, C, C++, JavaScript, SQL, PL/SQL

**Web Technologies:** Servlet, JSP, JDBC, EJB, JMS, JSTL, XML, HTML, DHTML, AJAX, JavaScripts, Angular

**Application Servers:** BEA WebLogic, IBM WebSphere, JBoss

**Web Servers:** Apache Tomcat, Java Webserver

**Web Services:** SOAP, UDDI, WSDL

**Framework:** Struts, Hibernate and Spring

**Databases:** Oracle, SQL Server, MySQL

**Operating Systems:** Windows, UNIX/Linux

**Development Tools:** Eclipse, WSAD,JBuilder, NetBeans, TOAD

**Source Code Control:** Visual Source Safe, CVS

**PROFESSIONAL EXPERIENCE**:

**XO Communication, Dallas, TX January 2015 to Current**

**Sr. Java/J2EE Developer**

**Responsibilities:**

* Involved in the analysis, design of use case diagrams, class diagrams and sequence diagrams in Agile Model using Scrum methodology for the business requirements
* Generated Use case diagrams, Class diagrams, and Sequence diagrams using Rational Rose.
* Developed MVC architecture using Spring framework.
* Working with Spring objects like Dispatcher Servlet, Controllers, Validators, Web Application Context, Handler Mapping, Message Resource Bundles, Form Controller, and Hibernate Mappings.
* Developed user interface using HTML, XHTML, CSS, JSP, JSP Tag libraries to simplify the complexities of the application.
* Developed JavaScript functions for handling Client Side validations.
* Extensively used AJAX framework to add interactivity to the web pages.
* Developed the Spring bean components through bean factory offering instances for delegates, Hibernate DAOs, and Business Objects.
* **Consumed REST web service API.**
* Hands-on experience on **HTML5, CSS3, JavaScript, JSF, jQuery, Bootstrap and Angular JS** to design responsive UI page and collaborate with **project manager, media engineer, content management team and QA team to improve multiple browsers page readability and CMS integration.**
* Developed responsive web application pages. Used **Angular.JS services, controllers and directives**
* Spring AOP for implementing various aspects such as transactions, security and logging.
* Implemented several design patterns such as MVC2, Business Delegate, DAO, DTO, Service Locator, Observer, Singleton.
* Used Inversion of control in Spring Framework for dependency injection
* Used JMS for reliable and asynchronous communication of messages using message driven bean (MDB).
* Worked on configuring Hibernate and writing HBM files.
* Worked on writing Dao classes using Hibernate to access the database.
* Tested the application functionality with Junit Test Cases.
* Used ANT as a build tool, and used VSS for version control.
* Extensively used Log4j for debugging applications.
* Used TOAD to access the Oracle database.
* Responsible for trouble-shooting production and QA issues and also designing JUnit Test Cases.
* Deployed the applications on WebLogic Application Server.

**Environment**: Java, Spring, Hibernate, Servlet, JSP,EJB, AngularJS, Eclipse, WebLogic, UML, JavaScript, Ajax, CSS, XML, JMS, UNIX and Windows, Oracle, TOAD, JUnit, VSS, Log4j,ANT.

**Union Bank,SFO, CA July 2013 to December 2014**

**Sr. Java/J2EE Developer**

**Responsibilities:**

* Responsible for gathering user requirements and developing project specifications.
* Developed the presentation layer using Model View Architecture implemented by Spring MVC.
* Involved in front end design using HTML, AJAX and JavaScript.
* Designed system components using UML (Rational Rose).
* Developed the Data Access Objects and Transfer Objects to access the database by the Hibernate Query Language.
* Configured the Spring and Hibernate Specific .xml files needed by the web application deployment descriptor for the application.
* Used XML Web services for transferring data between different applications.
* Involved in Maintenance and feature extensions of related applications.
* Responsible for trouble-shooting production and QA issues and also designing JUnit Test Cases.
* Implemented Data Transfer Objects, Value Objects for moving data between Presentation tier and Business Layer.
* Worked on configuring Hibernate and writing hbm files.
* Developed Stored Procedures using PL/SQL for Oracle database.
* Worked on writing Dao classes using Hibernate to access the database.
* Tested the application functionality with Junit Test Cases.
* Used ANT as a build tool, and used CVS for version control.
* Extensively used Log4j for debugging applications.
* Used TOAD to access the Oracle database.
* Deployed application in WebSphere Application Server and developed using WSAD.

**Environment:** J2EE, Springs, Hibernate, Eclipse, JDBC, XML, JavaScript, IBM Web Sphere Application Server, WSDL, SOAP, Tomcat, Oracle, UNIX, CVS, Windows.

**Aflac, Atlanta, GA September 2012 to June 2013**

**Java/J2EE Developer**

**Responsibilities**

* Involved in analysis, design, coding, and unit testing of the project.
* Used Eclipse as IDE, Tomcat as a web server and BEA WebLogic as an application server to develop and deploy the application.
* Used the Struts framework for building the application based on MVC-II design paradigm.
* Involved in design and building client-side user interfaces using HTML, DHTML, CSS, JSP, JSTL, and Servlets.
* Involved in developing JSF custom components, event and listeners.
* Worked on the CSS web and participant web module, this is used to manage the benefits for customer support and participant.
* Used JavaScript for client side and Struts Validators for server side validation.
* Used JavaScript and AJAX features for populating the end results in web pages dynamically and for auto completion and validation of the user entered data in the forms.
* Implemented Dependency injection of spring framework.
* Implemented Hibernate framework using DAO, POJO classes for all the modules of the applications such as Products, Service, and Customer.
* Used XML and parsers DOM and SAX to read the data for transport between objects.
* Developed the helper classes for linking the controller and the database.
* Developed Stored Procedures using MS-SQL Server.
* Normalized database, conforming to best practices by adding foreign keys and views.
* Involved in fixing defects and unit testing with test cases using JUnit.
* Created UML diagrams - use case, class, sequence, activity, and collaboration diagrams.

**Environment:** J2EE, EJB, JSP, JavaScript, Servlet, JSTL, Struts, Spring, and Hibernate, XML, SAX, DOM, JDBC, AJAX, MS-SQL Server, Eclipse, Tomcat, BEA WebLogic, JUnit, and UNIX.

**Hospic Healthcare, Kathmandu, Nepal April 2011 to August 2012**

**Java/J2EE Developer**

**Responsibilities:**

* Reviewed requirements with the Support Group and developed an initial prototype.
* Utilized the base UML methodologies and Use cases modeled by architects to develop the front-end interface. The class, sequence and state diagrams were developed using Rational Rose.
* Involved in the analysis, design and development of the application components using JSP, servlets, and EJB components using J2EE design pattern.
* Developed Java Server Pages and Java Beans on the client side using the Model View Controller (MVC), Model-2 architecture and Struts.
* Used JDBC to connect to the relational database.
* Queries were implemented using SQL (database triggers and functions).
* Deployed the applications on JBOSS Application Server.
* Involved in the build process with the Configuration management team and version control through CVS.

**Environment:** Java, J2EE, Java Servlets,JSP, Java beans, EJB, JDBC, XML, JMS, MySQL, Ant, Oracle, JBoss, Eclipse.

**Nepal Telecommunication, Kathmandu, Nepal January 2009 to March 2011**

**Java/J2EE Developer**

**Responsibilities:**

* Developed different GUI screens using JSP's, HTML, DHTML, Ajax and CSS to design the Pages according to Client Experience Workbench Standards.
* Implemented Client Side validations using JavaScript.
* Used Spring framework to develop the application and design the application flow.
* Used Standard, Java tag libraries and Custom tag Libraries.
* Used Java Script libraries like wForms, Prototype for accomplishing common script tasks.
* Involved in writing of Web Services using SOAP, WSDL.
* Involved in writing Deployment Descriptor files.
* Used Hibernate for Object relational Mapping for data persistence.
* Created stored procedures and packages for the batch processes.
* Extensively involved in manual testing. Placed different orders and verified the application functionality.
* Prepared System Test Cases and Unit Test Cases.
* Performed Unit testing using JUnit.
* Responsible for overseeing the Quality procedures related to the project.

**Environment:** Java/J2EE, MVC, Spring, JSP, JavaScript, Ajax, Web Services, Hibernate, EJB, BEA WebLogic, XML, XSLT, JDBC, PL/SQL, Oracle, ClearCase, Junit.