**DwarikaBaral**

**Professional Summary:**

* **7 +** years of Information Technology experience in Software Development and Object Oriented Programming that includes requirement Analysis, Design, Development and implementation of Web Based, Client/Server applications and Database applications.
* Extensive knowledge and experience in Web application development with J2EE technologies (Servlets, JSP, JNDI/JDBC, Java Beans, AJAX, JMS, JNDI, RMI, Spring MVC, Hibernate).
* Strong experience in working full software development life cycle (SDLC) of projects.
* Comprehensive Experience in Application development using Software Methodologies like Agile, Waterfall and Iterative Development.
* Hands on experience in Web Application Development using Client Script design technologies like JQuery, HTML, CSS, XHTML, DHTML XML, Java Script, AJAX, JSON and Adobe CQ5 components.
* Good experience in XML related technologies like XML, XSL, XSLT, and XHTML.
* Experienced in Multi-threading/process synchronization and concurrent programming.
* Experience in implementing various design patterns including Business Delegate, Service Locator, MVC, Data Transfer Object and Singleton.
* Worked extensively on Administration and Application Deployment on various Application Servers like WebLogic, JBoss and Tomcat.
* Experience with Databases like Oracle, MYSQL, PL/SQL and SQL Server.
* Expertise in using Development Tools such as Eclipse,RAD, JBuilder and Net Beans.
* Experience in incident management, troubleshooting, enhancements, defect fixing and application monitoring.
* Possess excellent leadership qualities and would take initiatives with a proactive approach in problem solving and providing best solutions.
* Efficient team member with excellent work/time management skills, communication and interpersonal skills, ability to work under strict deadlines.
* Clear verbal, written communication skills, problem solving and conflict resolution skills and detail oriented.

**Technical Skills:**

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| **Languages** | Java, SQL, PL/SQL. |
| **APIs** | JDBC, JMS, JNDI, JCA, JTA, JPA, JSTL. |
| **Frameworks** | Hibernate, Spring.Spring Boot |
| **XML Technologies** | XML, XSD, XSLT, DTD, DOM parser, XPath, XQuery |
| **Databases** | Oracle, MySQL, SQL Server. |
| **Web Technologies** | HTML, DHTML, AJAX, JSON, JQuery, JavaScript, CSS. |
| **Design Patterns** | MVC, DAO, DTO, Front Controller, Session Façade, Business Delegate, Observer, Singleton, View Helper, Decorator etc. |
| **Operating Systems** | Windows, UNIX, Linux. |
| **Application Servers** | WebLogic, JBoss, Apache Tomcat, WebSphere |
| **IDEs** | Eclipse, RAD, NetBeans, JBuilder. |
| **Build and Test Tools** | Ant, Maven, JUnit. |
| **Version Tools** | Subversion (SVN), CVS, Clear Case. |

**Work Experience:**

**Client:CVS, Florham Park, NJ July 2016 till date**

**Position: Java/J2EE Developer**

**Responsibilities:**

* Actively involved in SDLC Requirements gathering, Analysis, Design, Development and Testing of application using AGILE methodology (SCRUM).
* 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 HTML5, CSS3, JavaScript, AJAX, AngularJS, JSP Tag libraries to simplify the complexities of the application.
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API s and Spring Boot for micro-services.
* Developed JavaScript functions for handling Client Side validations.
* Developed the Spring bean components through bean factory offering instances for delegates, Hibernate DAOs, and Business Objects.
* Spring AOP for implementing various aspects such as transactions, security and logging.
* Implemented several design patterns such as Factory, Singleton, Proxy, Facade, Template, MVC and Repository.
* Implemented Micro Services based on Web API utilizing Spring Boot.
* Used Inversion of control in Spring Framework for dependency injection.
* Used Spring Boot framework to create the services, models, Delegates for API's while provisioning or decommissioning.
* Implemented the Restful web service layer while creating and updating case details by using JAX-RS API.
* Deployed the applications on WebLogic Application Server.
* Worked on configuring Hibernate and writing hbm files.
* Worked on writing Dao classes using Hibernate to access the database.
* Evaluated various back-end datastore's including Cassandra using Spring Data.
* Tested the application functionality with JUnit Test Cases.
* Used Maven as a build tool, and used Github as repository.
* Extensively used Log4j for debugging applications.

**Environment:** Java, J2EE, Spring, Hibernate, Servlet, JSP, Eclipse, Spring Boot ,Restful Web Service, WebLogic, HTML5, CSS3, JavaScript, AJAX, AngularJS, Oracle, PL/SQL, JUnit, Maven, GitHub, Log4j, Windows.

**Client: Comerica AHOC, Auburn Hills, MIFebruary 2015 to June 2016**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in Design, Implementation and coding of different modules in Java, Java Servlets, J2EE, and JSP etc.
* Used UML for object modeling and to create an abstract model of the system.
* Developed POC on Spring Framework features which include Spring AOP, Spring DAO, Hibernate and Annotations.
* Refactored the monolithic architecture to implemented the microservices architecture using spring boot.
* Implemented the Angular MVC and two-way data binding
* Used Hibernate for object/relational persistence and query service.
* Created REST based web services using JAX-RS library.
* Created RFP (Request for Proposal) microservice to provide RESTful API utilizing Spring Boot with Spring MVC.
* Developed web applications using Spring Boot which provides configuration for Spring MVC framework.
* Worked on Restful Web Services files for transferring data between different applications and communicate over the network by Spring Boot.
* Instantiated business objects with IOC pattern using Spring framework and for Dependency Injection.
* Used Data Access Objects (DAO), Session Facade, Service Locater and Value Object patterns to boost the performance of the system.
* Customized RESTful Web Service using Spring RESTful API, sending JSON format data packets between front-end and middle-tier controller.
* Designed/developed UI with AJAX, HTML, DHTML and JavaScript for interactive web pages.
* Used XML and JSON for transferring/retrieving data between different Applications.
* Reviewed and analyzed change requests to determine the scope of work and estimated the level of effort for application changes.
* Used Spring Data Framework to use the features of Spring JDBC and Spring ORM classes like JDBC Template and Hibernate Template to perform the database operations by connecting to Data sources available.
* Wrote database queries using SQL and PL/SQL for accessing, manipulating and updating Oracle database.
* Deployed the EARs and WARs in WebLogic Application server using ANT script.
* Performed unit testing using JUnit and involved in integration testing of the whole application.

**Environment:** Java, J2EE, Hibernate, Spring, Spring Boot,UML, JMS, JSTL, XML, Oracle, PL/SQL, JSP, HTML, JavaScript, CSS, AJAX, JSON, JQuery, REST Web Services, WebLogic, WebSphere, Eclipse, ANT,

**Client: MetLife, Dallas, TX September 2013to February 2015**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Worked in Requirements elicitation, Requirement Analysis, Requirements communication, Solution assessment and validation of the project.
* Constructed UML and Behavior trees modeling diagrams to depict the business flows.
* Developed user interfaces for the application using JSP, HTML, JavaScript, CSS, JQuery and AJAX.
* Used Spring MVC Framework for developing web application.
* Developed business layer using Spring, Hibernate and DAO s.
* Worked on Spring Boot app with Spring Cloud.
* Experienced on Spring framework applications like Spring Core, Spring AOP, Spring MVC, Spring Batch, Spring Security and Spring Boot and did integration to Micro services into existing system architecture.
* Creating REST based Web Services by establishing links using Hateoas from spring based Applications.
* Designed dynamic and browser compatible pages using HTML5, CSS3, JQuery and JavaScript and Angular JS
* Implemented persistence layer using Hibernate that use the POJOs to represent the persistence database.
* Deployed applications on WebSphere Application Server and used Maven to build the application.
* Created REST based web services using JAX-RS library.
* Customized RESTful Web Service using Spring RESTful API, sending JSON format data packets between front-end and middle-tier controller.
* Utilized Spring annotations and XML configuration for Dependency Injection.
* Worked on Database Stored Procedures and Functions, views and Synonyms.
* Used Log4j to print the logging, debugging, warning, info on the server console.
* Performed unit testing using JUnit and involved in integration testing of the whole application.

**Environment:**Java, J2EE, Hibernate, spring, UML,JMS, XML, Oracle, Spring Boot, PL/SQL, JSP, HTML, JavaScript, CSS, AJAX, JQuery,REST Web Services, WebSphere, Eclipse, Maven, JUnit, SVN, Log4j, Windows.

**Client: Banner Health, Phoenix, AZ January 2012 to August 2013**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in analysis, design and development of the project. Involved in the design and development phases of Rational Unified Process (RUP), Agile and Scrum methodologies.
* Implementing the model part of MVC architecture by developing hibernate value objects to map the database tables and configured them in mapping xml files.
* Used Spring-Core module for Dependency Injection and integrated view using Apace Tiles.
* Developed business layer using Spring, Hibernate and DAO s.
* JavaScript MVC Frameworks Angular.js, Backbone.js
* Implemented persistence layer using Hibernate that use the POJOs to represent the persistence database.
* Deployed applications on JBoss Application Server and used Maven to build the application.
* Used Java Messaging Services (JMS) for reliable and asynchronous exchange of important information such as payment status report.
* Developed user interfaces for the application using JSP, HTML, JavaScript, CSS and JQuery.
* Used Hibernate in data access layer to access and update information in the database.
* Implemented Design Patterns like Business Delegate, Session Facade and DAO.
* Used JAXB API to bind XML Schema to java classes.
* Consumed Web Services (WSDL, SOAP, UDDI) from third party for authorizing payments to/from customers.
* Worked on Database Stored Procedures and Functions, views and Synonyms.
* Used Log4j to print the logging, debugging, warning, info on the server console.
* Performed unit testing using JUnit and also involved in integration testing of the whole application.

**Environment:**Java, J2EE, Hibernate, Spring, JMS, XML, Oracle, PL/SQL, JSP, HTML, JavaScript, CSS,JQuery, REST, WSDL, UDDI, SOAP Web Services, JBoss, Apache Tomcat, Eclipse, Ant, Maven, JUnit, CVS, Log4j, Windows.

**Client: State Farm, Bloomington, IL November 2010 to December 2011**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Contributed to complete release of the module which involved architecture, Analysis, Design and Development.
* Consumed Web Services (WSDL, SOAP, UDDI) from third party for authorizing payments to/from customers.
* Developed POC on Spring Framework features which include Spring AOP, Spring DAO, Hibernate, Annotations.
* Coded business/application components using Servlet, JSP and Java Beans.
* Developed DAO's (Data Access Objects), which are java classes those encapsulate all database specific, code using JDBC API.
* Used Hibernate to develop persistent classes following object-oriented principles
* Developed Hibernate configuration files for establishing data base connection.
* Involved in Database Design using Entity-Relationship Diagrams.
* Developed several stored procedures to manipulate and clean legacy data.
* Deployed applications on WebSphere Application Server and Apache Tomcat Web Server.
* Wrote the SQL/PL SQL scripts to make the database calls.
* Used Log4j to print the logging, debugging, warning, info on the server console.
* Performed unit testing using JUnit and also involved in integration testing of the whole application.

**Environment:**Java, J2EE, Hibernate, Spring, JDBC, JSTL JMS, XML, Oracle, PL/SQL, WSDL, SOAP, UDDI, SOAP Web Services, Apache Tomcat, WebSphere, Eclipse, Maven, JUnit, Clear Case, Log4j, Windows.

**Client: Prime Bank, Kathmandu, Nepal March 2010toOctober 2010**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in Analysis and Design of the Project, which is based on MVC (Model-View-Controller) Architecture using Spring framework and Design Patterns.
* Interacted with the business end users to coordinate and communicate the validation of prototype and applications.
* Developed user interfaces for the application using JSP, HTML, JavaScript, and CSS.
* Modified, edited JavaScript files and JSP files and wrote Java Scripts to validation, used jQuery.
* Developed DAO's (Data Access Objects), which are java classes those encapsulate all database specific code using JDBC API.
* Created and consumed SOAP Web services.
* Used ANT for developing build scripts in development environment.
* Involved in the migration of independent parts of the system to use persistence technology such as JDBC.
* Deployed applications on WebLogic Application Server and Apache Tomcat Web Server.
* Developed functions and store procedures using SQL and PL/SQL for the application.
* Used Log4j to print the logging, debugging, warning, info on the server console.
* Performed unit testing using JUnit and also involved in integration testing of the whole application.
* Used Clear Case to check in and checkout code from the repository.

**Environment:**Java, J2EE, Spring, JDBC, JSTL, JMS, XML, Oracle, PL/SQL, JSP, HTML, JavaScript, CSS, SOAP Web Services, WebLogic, Apache Tomcat, Eclipse, ANT, JUnit, Clear Case, Log4j, Windows.

**Education Qualifications:**

**Bachelors in Computer Application, Tribhuvan University, Nepal.**