**Basant Rijal**

**basantrij@gmail.com**

**(469) 909-0896**

**Summary**

* Software Developer with 7 Years of experience in Analysis, Design, Development and Testing and Implementation of applications on Java/J2EE technologies.
* Experience in all phases of Software Development Life Cycle (SDLC), which includes Integration, Implementation, Interaction, Business Analysis/Modeling, Documentation, and Testing of all software applications.
* Expertise with Object Oriented Design (OOD), Object Oriented Analysis (OOA), Object Oriented Modeling (OOM) based on Unified Modeling Language (UML) architecture.
* Experienced with developing rich user interface applications using HTML5, CSS3 and JavaScript, JQuery, Angularjs, Twitter Bootstrap, JQuery Mobile, XML, JSON that follows W3C Web Standards and are browser compatible.
* Experience in Spring Framework such as Spring Boot, Spring MVC, Spring IOC, Spring Resources, Spring JDBC.
* Worked on java 8 functional programming concepts like lambda expressions, functional interfaces and Streams.
* Implemented POC for Notifications and Appointment module using RESTful Micro Service using Apache Camel framework using Java 8.
* Experienced in SOA and Web Services technologies, including Restful, JAX-WS, JAX-RPC, Axis, Soap, XML, and WSDL.
* Expert in integration of Enterprise Javabeans (EJB) with existing applications and using services provided in distributed applications through Web Services (JAX-RPC, JAX-WS, JAX-RS).
* Experience with ORM mapping tools like Hibernate and IBatis, which implements Java Persistence API (JPA).
* Experience in developing SQL, Stored Procedures, functions, triggers using Oracle and comfortable working with databases like SQL Server, DB2, MySQL.
* Have good experience on NoSQL database like MongoDB.
* Good experience in defining the XML schemas and in working with XML parsers to read and validate the data held in XML documents.
* Experience using Junit Framework, SLF4j, Log4J, Maven and Jenkins.
* Strong understanding and experience on waterfall and Agile methodologies.
* Expertise in GOF Java Design Patterns and J2EE design patterns for presentation, Business Tier, Integration, Cross-cutting.
* Experienced in working with spring frameworks and ORM mapping tools like **Hibernate** and **MyBatis**, which implements Java Persistence API (JPA).
* Knowledge of Microservices Development and Amazon Web Services (AWS).
* Experience using IBM WebSphere Application Server, WebLogic, Glassfish, and Apache Tomcat.
* Experience working with RDBMS and NoSQL databases.
* Experience in writing database, SQL Queries, Stored Procedures, and Triggers using PL/SQL.
* Have experience in using IDEs like Rational Application Developer (RAD), Eclipse, NetBeans.
* Good team player, Strong Analytical skills, effective communication skills, ability to work with minimum supervision and passion for learning new technologies.

**Technical skills**

**Languages:** Java, J2EE, PHP, SQL, PL/SQL. , C, C++

**J2EE Technologies:** Servlets, JMS, EJB, JDBC, JSP, JSF, JNDI, Java Security

**Markup/XML Technologies:** HTML5, CSS3, JavaScript, jQuery, Ajax, AngularJS, Node JS, XML, XSD, XSL/XSLT, SAX/DOM, JSON, Bootstrap.

**Tools & Framework:** Struts, Spring, Hibernate, Spring MVC, Spring IOC, Spring AOP, Spring Boot, JSF, JUnit, SOAPUI.

**Web services:** SOAP, Restful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Axis2, Micro Services, AWS (Amazon Web Services).

**Web/App Servers:** IBM Websphere, Apache Tomcat, JBoss EAP, Weblogic Server, Glassfish.

**Database:** Oracle, SQL-Server, MongoDB/NoSQL.

**IDEs:** Eclipse, IntelliJ, Spring Tool Suite(STS), RAD.

**O-R Mapping**: Hibernate, JPA, iBatis.

**Testing Tools/ Others:** JUnit, Soap UI, Putty, Rational Clear Quest, RTC, StarTeam, TOAD, Jenkins.

**Version Control:** Tortoise SVN, CVS, Rational Clear case, GitHub.

**OS & Environment:** Windows, UNIX, Linux.

**Work Experience**

**Client: Columbia Insurance Group Columbia, MO**

**Date: Jan 2017 to present**

**Role: Full Stack Developer**

**Responsibilities:**

* Involved in requirement gathering, writing technical proposals, planning, estimation, architecture, and high level / low level design.
* Extensively used JAX-RS for developing RESTful Web Services.
* Experience working on Jackson API for JSON to Java Objects and Java Objects to JSON conversion.
* Developed Angular 2 Components, Services, Pipes and took part in developing unit test and integration test cases using Jasmine, Karma and Webpack.
* Used Services in Angular 2 for Cross-Component Communication and dealt with reactive forms Validations.
* Deployed applications on Apache Tomcat application server instances in all the respective environments.
* Developed the DAO layer for the existing applications using Spring, Hibernate and developed various business logic and reports using HQL and Hibernate Criteria.
* Used Spring Framework for Dependency injection and integrated with Hibernate.
* Configured Hibernates second level cache using EHCache to reduce the number of hits to the configuration table data.
* Consumed REST services using Angular HTTP and performed various REST Http operations for data retrievals and updates.
* Extensively worked on REST/JSON over HTTP and testing of RESTful services.
* Extensive hands-on development using core Java and Spring MVC.
* Experience securing RESTful web services using OAuth Authentication.
* Experience in developing User Interface components using HTML, CSS, JavaScript, AngularJS
* Integrated Front-end with Java Restful Services.
* Involved in Creating Responsive Web Design by Using Bootstrap.
* Maintained the code base in GIT.

**Environment:** Java, JAX-RS, REST, JSON, HTML, CSS, Hibernate, Bootstrap, JavaScript, AngularJS, Apache Tomcat.

**Client: VCE - Richardson, TX**

**Date: Feb 2016 to Dec 2016**

**Role: Software Engineer**

**Responsibilities:**

* Involved in software development life cycle (SDLC) in Agile Environment.
* Implemented Singleton, Factory and Data Access Object pattern for business and persistence layer.
* Implemented Core Java, multithreading, JSON, RESTful, JUnit, Spring MVC.
* Worked on web application that uses AngularJS at front end for data binding and Spring/Spring SI along with REST services at backend end.
* Created User Interface using HTML, jQuery, JavaScript, AngularJS and CSS.
* Used JavaScript to develop functions for AngularJs Controllers and Services.
* Developed controllers using Spring MVC Annotation.
* Created UI for CRUD operations using MVC Framework.
* Implemented Hibernate API's to carry out the business logic from Database to UI.
* Hands on experience using Messaging Services like JMS.
* Used DHC for functional testing of the web service.
* Setup Sonar and incorporate the project to run code rules and generate report on code's quality.
* Worked with **ATT** in Production to resolve **Apache Tomcat** problem.
* Using JQuery for event handling and AJAX interactions for rapid Web development.
* Worked with Jasmine and Karma for performing unit testing of Angular JavaScript.
* Writing test cases using JUnit.
* Reviewed user stories for impact analysis and for feature feasibility.
* Used JSON Editor, a tool to view, edit, format and inspect JSON data.
* Used Zabbix a monitoring tool to track the status of the servers.
* Developed JUnit test cases for existing modules and new modules.
* Setup Jenkins to auto build projects with different branches and auto deploy to test and UAT servers on preset intervals.
* Demonstrated newly developed features to the product manager for verification and testing prior to going into production.
* Participated in Scrum meetings such as daily standup, planning, release planning and retrospective.
* Supported the already deployed application whenever needed.
* Participated in design and code reviews.

**Environments:** Java 1.7, J2EE, REST Web Service, Spring 4.0, JPA, XML, JSON, MS-SQL, Apache Tomcat, Agile methodology, MAVEN, JUnit 4.0, DHC, Jenkins, SVN, JavaScript, AngularJS, Jasmine, Karma Bootstrap, Linux, Eclipse, Spring SI, Spring Security, Spring Bean Validation JSR 303, JMS

**Client: Verizon, Irving, TX**

**Date: March 2015 Jan 2016**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Interacting with the teammates for understanding the business and the business users for gathering the requirements.
* Designed and developed various modules of the application with Spring MVC, Spring security and Spring restful web services.
* Actively participated in the daily SCRUM meetings to produce quality deliverables within time.
* Developed Application components and API's using core Java.
* Implemented Spring Security for user authentication.
* Involved in integrating Hibernate Framework with Spring.
* Extensively used Angular JS to develop the presentation layer for invoking REST calls directly.
* Good hands on designing the project.
* Analyzed code coverage report from Jenkins to improve code coverage and configured multiple plugins in deploying applications onto Tomcat.
* Implemented TDD (Test Driven Development).
* Provided the support for integrating the Restful web services with clients.
* Experience in building web services using Spring and Apache CXF operating within ESB, offering both REST, and SOAP interfaces.
* Good experience in consuming the existing Web Services.
* Involved in implementing and utilizing the J2EE patterns MVC, Dependency Injection (DI), Inversion of Control (IOC), Data Access Object (DAO), Business Delegate, Service Locator, and Singleton for the enterprise application.
* Used SoapUI and Rest client for testing the Web Services.
* Designed and developed various PL/SQL scripts to meet the business requirements.
* Interacted with clients during various phases of the project.
* Developed Class Diagrams, Flow Diagrams and Sequence Diagram using MS Visio.
* Used Java script validations for client-side validations.
* Used Maven for developing builds and deploying the application on WebSphere
* Responsible to fix the issues and defects of system.
* Responsible to work in a self-organizing Agile team and have a sense of ownership and take responsibility for the product.

**Environment:** Java, J2EE, Spring Framework, REST, Eclipse, Maven, Toad, Apache CXF, WebSphere, Oracle, Java Design Patterns, Hibernate, AWS, Multithreading, JUnit, Tomcat, Log4j, Microsoft Visio.

**Client: Keller Williams, Austin, TX**

**Date: Jan 2014 to Feb 2015**

**Role: Java J2EE Engineer**

**Responsibilities:**

* Involved in Development of the application Using J2EE Technologies (Servlets, JSP, EJB).
* Used Spring AOP for cross cutting concerns and IOC for dependency injection
* Developed various EJB's to handle business logic.
* Written JQuery Validations for the User Front-ends.
* Developed user interface using JSP, AJAX, JSP Tag libraries.
* Designed and developed various PL/SQL scripts to meet the business requirements
* Involved in coding and testing of the entire module.
* Responsible to fix the issues raised by QA.
* Developed unit test cases using Junit Framework.
* Worked on stored procedures, PL/SQL, and SQL queries
* Used Oracle Database for the persistence layer.
* Used Action classes, Data Management classes, Business classes, struts configuration file, properties class.
* Used Maven for managing the application library dependencies and perform builds.
* Used Log4j for logging the application log of the running system to trace the errors.
* Used SVN as a configuration management tool.

**Environment:** Java, JSP, Spring (MVC and Core), Servlets, EJB, Web Services (RESTful), TOAD, SQL Developer, JUnit, XML, JavaScript, JQuery, AJAX, UML, Maven, SVN, Eclipse, UNIX.

**Client: Nepbits Pvt. Ltd., Kathmandu Nepal**

**Date: July 2010 to December 2013**

**Role: Software Developer**

**Responsibilities:**

* Involved in SDLC including requirement analysis, design and analysis of the application.
* Developed module based feature using design patterns.
* Developed RESTful API’s and backend using Spring MVC framework.
* Developed user interface using AngularJS, Bootstrap, HTML, CSS, JavaScript, JQuery,
* AJAX and JSON.
* Integrated queue system for mailing and real-time notification to using Websockets and Redis server.
* Used MongoDB and MySQL as database layer for the applications.
* Involved in the Design of ERD (Entity Relationship Diagram) for Relational Database.
* Implemented ORM in the persistence layer using Hibernate framework and Spring
* Aspect Oriented Programming (AOP) functionality for common exception handling and transaction management.
* Developed Unit, Integration test cases using Junit and Mockito technologies.
* Experience with high-volume, rapid transaction processing systems, optimization
* techniques and refactoring.
* Provided production support for the application and during deployments.
* Interacted with application testers to review system defects and provided comprehensive fixes.
* Integrated user interface and dashboard using AngularJS, Bootstrap with JWT token based authentication.
* Developed RESTful API’s using Spring MVC Framework.
* Developed fully functional backend system with report and analytics.
* Used Junit framework for Unit testing of the application.
* Developed the Use Cases, Activity, Sequence and Class Diagrams.
* Developed some small PHP applications required for company’s internal use.
* Used Hibernate for DAO layer and developed all mappings required for ORM.
* Implemented cross cutting concerns like business transactions, security, logging and monitoring mechanism using Spring AOP.

**Environment:** Java, J2EE, Custom tags, Html, JSP, Spring, AJAX, Design Patterns, CVS, PL/SQL, XML, XSD, CSS, HTML, JavaScript, WebSphere, Design Patterns, JDBC, Servlets, JS, Oracle, Windows XP, Linux, JBoss, API Designs, Hibernate.

**Education:**

**Bachelors of Science in Computer Science and Information Technology**

Amrit Science Campus, TU, Kathmandu, Nepal