**Umesh Pathak**

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**Summary:**

* Over 7 years’ experience in Full Project Life Cycle and SDLC including Requirement Analysis, Conceptual Data Modeling, Database Building, Graphical User Interface Designing, Coding and Deployment of a project using Java/J2EE Technologies.
* Experience in developing Object Oriented, Enterprise and Web-based Applications.
* Experience in J2EE Design Patterns like Model View Controller (MVC), Session Facade, Business Delegate, Front Controller, Data Access Object (DAO) and Value Objects.
* Experience with applications requiring Component Development, Multithreaded Programming, Session Tracking and Connection Pooling.
* Experience in development using Spring, Hibernate and JDBC framework.
* Strong experience in technologies like AngularJS, Java Server Pages (JSP), CSS, HTML, DHTML, JavaScript, JQuery and AJAX.
* Experience in XML, XML Schema, XSL, XSLT and parsing methodologies like SAX and DOM to read the XML files and Write them
* Experience on various versions of web servers like Apache Tomcat and application Servers like WebSphere, WebLogic and JBoss.
* Experience with installation, configuration and administration of servers and applications.
* Extensive J2EE development experience in different IDE tools like Eclipse, MyEclipse and NetBeans.
* Experience with source controls using GIT, CVS and SVN.
* Complete control of RDBMS through writing queries, stored procedures using SQL, PL/SQL on databases like DB2, Oracle, MySQL and SQL Server with performance tuning.
* Experience in working with modifying existing UML class diagrams, use cases, sequence diagrams, etc. to meet changing business and user requirements.
* Experienced in Developing the Applications from end-to-end and has the ability to fit in anywhere in the project.
* Strong communication and interpersonal skills backed by sound analytical, technical and leadership skills.

**Education:**

Bachelors in Computer Application, Purbanchal University, Nepal.

**Technical Skills:**

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| **Languages:** | Java (JDK, J2SE, Java SE), SQL, PL/SQL. |
| **J2EE Technologies:** | JNDI, JMS, RMI, Java Beans, JSP, JAXB, JAXP, Web Services (REST/SOAP) |
| **SDLC Methodologies:** | Agile, Scrum, Waterfall, Iterative. |
| **Web Technologies:** | Angular JS, JSP, HTML, DHTML, JavaScript, JQuery AJAX, CSS, XML. |
| **Frameworks:** | Spring, Hibernate, JDBC. |
| **Databases:** | Oracle, DB2, MySQL, SQL Server. |
| **Web Services:** | SOAP, REST. |
| **Web/Application Servers:** | Apache Tomcat, WebSphere, WebLogic, JBoss. |
| **IDEs:** | Eclipse, MyEclipse, NetBeans. |
| **Build and Test Tools:** | ANT, Maven, JUnit. |
| **Source Control:** | GIT, CVS, SVN. |
| **Operating Systems:** | Windows, Linux. |

**Professional Experience:**

**Client:** **DirecTV – Los Angeles, CA September 2016 to Current**

**Role: Java Developer**

**Responsibilities:**

* Actively involved in the Software Development Life Cycle including Requirement Analysis, Design, Implementation, Testing and Maintenance.
* Designed and developed the user interface using JSP, HTML5, CSS3, JavaScript, and Angular JS.
* Developed an Angular JS workflow manager for flexible configuration and management of multi-step user input flows.
* Worked Angular JS custom directives and filters and extensively used Angular JS features like directives, scope, dependency injection and built-in services.
* Developed REST Web Services clients to consume those Web Services.
* Designed and implemented customized exception handling to handle the exceptions in the application.
* Implemented JSPs, Servlets and Hibernate in the MVC Framework to effectively handle the application workflow.
* Used Spring Framework for Dependency Injection and integrated it with the Hibernate.
* Used Hibernate Transaction Management, Hibernate Batch Transactions, and cache concepts.
* Implemented methods to validate, invalidate, keep live session for login process and maintaining session credentials.
* Deployed the application in JBoss Application Server in development and production environment.
* JUnit was used for unit testing and implementing Test Driven Development (TDD) methodology.

**Environment:** Java, J2EE, Hibernate, Spring, MVC, UML, JMS, Servlets, JSP, HTML5, CSS3, JavaScript, Angular JS, XML, PL/SQL, Oracle, JBoss, Apache Tomcat, JUnit, TDD, GIT, Maven, REST, Log4j, Agile, Eclipse.

**Client:** **American Express – Phoenix, AZ July 2015 to September 2016**

**Role: Java Developer**

**Responsibilities:**

* Hands on in Analysis, Design, Coding, modification and implementation of user requirements in the web application.
* Developed UML class diagram and Use cases for end to end process using Rational Rose UML tools
* Designed and developed the user interface HTML5, CSS3, JavaScript, AJAX and Angular JS for customized presentation layer.
* Used AngularJS for developing Single Page Application and achieving two-way data binding between html and JavaScript objects.
* Designed application modules, base classes and utility classes using core java.
* Used various features in AngularJS like data binding, routing, filters, directives to meet various customized requirements.
* Developed Restful service interface using spring boot to the underlying customer event API.
* Developed Hibernate mapping files and integrated hibernate in Spring ORM module.
* Implemented Action classes, Action Form classes and JSPs, Servlets, Hibernate in the MVC Spring Framework to effectively handle the workflow of the application.
* Used DAO pattern to fetch data from database using Hibernate to carry out various database.
* Built and deployed war files in WebLogic Configured the data source to handle connections.
* Wrote Complex stored procedures, Triggers and Views to efficiently using MySQL Database.
* JUnit was used for unit testing and implementing Test Driven Development (TDD) methodology.

**Environment:** Java, J2EE, Hibernate, Spring, Spring Boot, Servlets, UML, XML, HTML5, CSS3, JavaScript, AJAX, Angular JS, PL/SQL, MySQL, JMS, WebLogic, JUnit, SVN, ANT, Restful Web Services, Log4j, MyEclipse.

**Client:** **Advanced Auto Parts, Inc. – Roanoke, VA April 2014 to June 2015**

**Role: Java Developer**

**Responsibilities:**

* Actively involved in Agile - SCRUM methods, break tasks into small increments called SCRUM with minimal planning.
* Created Software Design documents, Technical Design documents and Unit testing documents.
* Developed and enhanced existing persistence framework in combination of hibernate and DAO design pattern.
* Designed and developed the user interface JSP, HTML, CSS, JavaScript and JQuery.
* Used JavaScript (JQuery) to perform Client-Side validation
* Created Map Reduce jobs using to power data for search and aggregation Server side scripting using Java Server Pages (JSP).
* Worked with Hibernate Configuration using XML config esp, Hibernate and XML.
* Developed services that are reusable and interoperable, based on SOAP web services.
* Developed multiple Map Reduce jobs in Java for data cleaning and preprocessing.
* Developed back end using Oracle and also used for error handling.
* Worked with PL/SQL for implementation of SQL triggers for preventing invalid transactions and imposing security authorization.
* Used Apache Tomcat Application Server for application deployment in the clustered window environment.
* Deployed applications on WebSphere and configured it with Eclipse IDE.
* Implemented Test First unit testing framework driven using JUnit, and published assertion framework build on top of the JUnit Assertions.
* Have developed test cases based on use cases and user stories as part of Test Driven Development.

**Environment:** Java/J2EE,Hibernate, Spring, MVC, WebSphere, JSP, HTML, CSS, JavaScript, JQuery Servlets, Java Beans, JMS, SOAP, WSDL, JAX-WS, Oracle, PL/SQL, Eclipse, JUnit, SVN, Maven, TDD, Windows.

**Client:** **Quicken Loans – Detroit, MI November 2012 to April 2014**

**Role: Java Developer**

**Responsibilities:**

* Responsible for requirement gathering, design and analysis of the system by together Working with customers to gather requirements and develop use cases, project and test plans.
* Designed and developed the user interface using HTML, CSS JavaScript, AJAX, and JQuery.
* SOAP has been used as a protocol to send request and response in the form of XML messages.
* Implemented application using Spring MVC framework for maintainability.
* Used Spring Framework for developing business objects.
* Set up Custom business validations using Spring validate framework.
* Used Hibernate in persistence layer and developed POJO's, Data Access Object (DAO) to handle all database operations.
* Created new connections through application coding for better access to DB2 database and wrote PL/SQL Stored procedures, functions, sequences, triggers, cursors, object types etc.
* WebSphere application server has been used for the deployment of the system.
* Used ANT scripts for code compilation and Log4j for logging purposes.
* Performed JUnit testing, integration testing, system testing etc.
* Helped new team members junior developers to make them on the board easily.

**Environment:** Java, J2EE, Spring, MVC, Hibernate, HTML, JavaScript, CSS, AJAX, JQuery, JSON, Servlets, JSP, Web Sphere, Restful, JUnit, ANT, DB2, SQL, PL SQL, SVN, Log4j, Windows.

**Client:** **CVS Caremark – Woonsocket, RI July 2011 to November 2012**

**Role: Java Developer**

**Responsibilities:**

* Followed Agile SCRUM methodology and used Test Driven Development (TDD).
* Designed and developed the user interface using HTML, CSS JavaScript, AJAX, and JQuery.
* Implemented Spring MVC framework in the application.
* Developed code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IoC).
* Developed Data Access Object (DAO) persistence layer using Hibernate.
* Used simple Spring Validation for validation of user input as per the business logic and initial data loading.
* Wrote services to perform core logic for business processes.
* Created tables and worked on SQL and PL/SQL to write Stored Procedures functions, Triggers, views and packages for complex Inserts and updates in the database.
* Developed code to consume web services using SOAP.
* Developed Database structuring and Tables creation needed for the project.
* Used JMS to send messages through WebSphere queues.
* Implemented Maven as build and configuration tool.
* Supported the applications through production and maintenance releases.
* Co-ordinate Application testing with the help of testing team.
* Performed unit testing using JUnit and Integration testing.

**Environment:** Java/J2EE,Hibernate, Spring, MVC, WebSphere, HTML, CSS, JavaScript, JQuery Servlets, JMS, SOAP, Oracle, PL/SQL, Eclipse, JUnit, SVN, Maven, TDD, Windows.

**Client:** **Progressive Insurance – Cleveland, OH January 2010 to July 2011**

**Role: Jr. Java Developer**

**Responsibilities:**

* Requirements gathering and design phases of the application which was developed by JDBC Framework.
* Creation of Work Flow Implementation of Application modules.
* Coding Action classes for JDBC framework, server pages using JSP and Data transfer object pattern classes.
* Preparation of all DAO, Pattern classes for model to control interaction.
* Conducted user level acceptance of product features and enhancements with current system.
* Key role in deployment of the Application and User Training Program.
* User Acceptance Test and building the project infrastructure on the client side.
* Development of complex SQL queries for generating the reports and written most of the stored procedures for migrate the data into the data base tables as per the application flow.

**Environment:** Java, JSP, JDBC, XML, XSLT, DAO, JNDI services, JBoss, Apache Tomcat, SVN, Windows.