**Name: Abiral Pandey**

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**Current Location: Woonsocket, Rhode Island**

**Visa Status: US Citizen**

# SUMMARY:

* Dynamic individual with 6 years of software development experience in **design, development, deployment, maintenance, production**and**support** of web - based and Client-Server business applications using **OOP** and **Java/J2EE technologies**.
* Exposure to all phases of **Software Development Life Cycle(SDLC)**using Agile, RUP, Waterfall.
* Designed and developed web UI screen using **Angular-JS**.
* Developed **AngularJS Controllers, Services, filters**and**directives** for various modules in the application.
* Knowledge on ETL tools like **Kettle Pentaho**and**Microsoft SSIS tools.**
* Created **custom directives, decorators**and**services** using AngularJS to interface with both RESTful and legacy network services also DOM applications.
* Experience with MVC frameworks like **Struts, SPRING** and ORM tools like **Hibernate**.
* Experienced in working with batch jobs using **Spring-Batch, Autosys**and**Quartz**.
* Worked extensively with XML related technologies like XML/XSLT to process, validate, parse and extract data from XML using **DOM** and **SAX** parsers for **DTD** and **SCHEMA**and also worked with **JAX-B**.
* Strong experience in J2EE technologies like **Java Beans, Servlets, JSP (including custom tags), JSTL, JDBC, Struts, Spring, JMS, JNDI**and**Multithreading**.
* Expertise in web development technologies like **HTML, DHTML, XHTML, CSS, Java Script, JQuery, JSF, AJAX, Bootstrap JS, Node JS**and**Angular JS.**
* Experienced in **RESTful web services using JAX-RS, Jersey framework**and**SOAP using JAX-WS, Axis-2 framework**.
* Expert knowledge over J2EE Design Patterns like **MVC, Adapter, Front End Controller, Value object, Singleton, Session Facade, Business Delegate, Factory DAO** in designing the architecture of large applications.
* Experience in using **Maven**and**Ant** build scripts for the project build automation.
* Experience in using version control and configuration management tools like **SVN, Clear Case**and**CVS**.
* Expertise in working with various Application Servers such as **IBM WebSphere, JBoss, Glassfish, Oracle WebLogic**and**Apache Tomcat server**.
* Good knowledge in using IDE’s such as **Eclipse, NetBeans, JBuilder, RAD**and**STS.**
* Expertise in working with Relational databases such as **Oracle, PostgreSQL, DB2, MySQL** and NoSQL database **MongoDB**.
* Experience in database design using PL/SQL to write **Stored Procedures, Functions, Triggers, views** and good at writing complex queries for Oracle 10g/11g.
* Good experience in developing test cases with **JUnit** for Unit testing, Load testing and logging using **Log4J**.
* Experienced in using Operating Systems like **Windows 98 / 2000 / NT / XP, AIX, Sun Solaris**.
* Proficient in **software documentation**and**technical report writing**.
* Involved in Performance analysis and improvements of the application using tools like **Jmeter** and using commands on **Unix box** to resolve deadlocks and improve performance.

# TECHNICAL SKILLS:

**Programming Languages:** Java/J2EE, PL/SQL, Unix Shell Scripts

**Java/J2EE Technologies:** JavaBeans, collections, Servlets, JSP, JDBC, JNDI, RMI, EJB

**Frameworks:** Struts 1.x/2.x, Spring 2.5/3.0, Web Framework, JSF, Hibernate, iBatis, JPA, Axis-2, Jersey

**Methodologies/Design Patterns:** OOAD, OOP, UML, MVC, Singleton, DTO Pattern, DAO Pattern, Service Fa ade, Factory Pattern

**Build Automation:** Jenkins, Maven, Ant

**Application/Web Servers:** IBM Web Sphere 6.x/5.x, BEA Web Logic 8.1/9.1, Apache Tomcat 5.x/6.x, JBOSS 4.x/3.x

**XML processing:** DTD, Schema, JAX-P (DOM, SAX), JAX-B

**Web Services:** RESTful, SOAP

**Web Development:** HTML, DHTML, XHTML, CSS, Java Script, JQuery, AJAX, LADP, JSF, Bootstrap JS, Node JS, Angular JS

**Version Control Tools:** CVS, Harvest, IBM Clear case, SVN and GIT

**Databases:** Oracle 9i/10g/11g, IBM DB2, SQL Server 2005/2008, PostgreSQL, MySQL, MangoDB

**Messaging Techologies:** JMS, IBM MQ

**IDE s:** Eclipse, NetBeans, RAD, WSAD

**Testing and Logging Frameworks:** Junit, Log4j, Mockito, Finesse Tests

**Reporting Tools:** Crystal Reports 11, Jasper Reports

**Tools:** Rational Rose, MS Visio, XML Spy, TOAD

**Operating Systems:** Windows 98/2000/NT/XP, AIX, Sun Solaris, HP-UX

# PROFESSIONAL EXPERIENCE:

**CVS, Woonsocket, Rhode Island Full Stack Java Developer**

**April 2016 – Present**

**Responsibilities:**

* Involved in various stages of Software Development Life Cycle (SDLC) deliverables of the project using the Agile methodology.
* Used AWS Cloud platform and its features which include **EBS, AMI, SNS, RDS, EBS, Cloud Watch, Cloud Trail, Cloud Formation, Cloud Front, S3, and Route53**.
* Expertise in building rich, interactive user interfaces using **HTML, CSS, JavaScript, jQuery, Node.Js and Angular.Js**.
* Gathered and clarified requirements with business analyst to feed into high-level customization design, development and installation phases.
* Used **Spring Framework** for dependency injection for Action classes using Application Context XML file.
* Involved in implementation of MVC pattern using**JSP** and **Spring Controller**.
* Developed business objects using **Spring IOC, Spring MVC and Spring AOP. Implemented MVC architecture using JSP Spring, Hibernate** and used Spring Framework to initialize managed beans and services.
* Implemented SOA architecture with Web Services using **SOAP, JAX-WS, WSDL, UDDI and XML**.
* Used Collections for Model classes in the DAO layer (Data Access Object) Involved in modifying some changes in DAO layer using Hibernate.
* Created mappings among the relations and written SQL queries using Hibernate.
* Implemented**Concurrency, Exception Handling**and **Collections** whenever necessary.
* Used Entity Beans to persist the data into IBM DB2 database like database access components, Creating Schemas and Tables.
* Used SQL to perform data mapping and backend testing, also documented all the SQL queries for future testing purpose.
* Created process flow for deploying application in Web Sphere application server.
* Managed build, reporting and documentation from the project information using**Jenkins**, **Maven Tool and SVN** for version control.
* Used Jenkins for Continuous Integration.
* Used **JUnit** for testing and used **JIRA** for tracking bugs.
* Responsible for the dealing with the problem, bug fixing and troubleshooting.

**Environment:** Java, J2EE, HTML, CSS, JavaScript, jQuery, Ajax, Spring, Spring IOC, Spring AOP, Spring MVC, Hibernate, REST, SOAP, XML, Eclipse, PL/SQL, JUnit, Maven Build Tool, DB2, JIRA, Jenkins, SVN and IBM Web Sphere, AngularJS, EBS, AMI, SNS, RDS, Cloud Watch, Cloud Trail, Cloud Formation, Auto scaling

**Toll Brothers, Horsham Township, Pennsylvania Software Engineer**

**December 2015 - March 2016**

**Responsibilities:**

* Developed **JSP**and extensively used tag libraries.
* Designed the system with **OOAD**methodology using various design patterns like **factory method, Singleton, Adaptor, Template**etc.
* Implementing and planning the server-side architecture using **Spring and Hibernate**
* Configured the spring framework for entire business logic layer with XML bean configuration files.
* Preparation of Low Level Designing and High Level Designing and relevant documentation.
* Extensively used Spring IOC for **Dependency Injection**and worked on **Custom MVC Frameworks**loosely based on **Struts**
* experienced in build tools like Micro services, Ant, Maven and Gradle tools.
* Wrote Controller classes in **Spring MVC**framework in the web layer.
* Produced the shopping cart on the client Front-end using **jQuery, JavaScript, HTML5, CSS3.**
* Extensively used Eclipse based STS IDE for building, developing and integrating the application.
* Used Table per hierarchy inheritance of hibernates and mapped polymorphic associations.
* Developed one-much, many-one, one-one annotation based mappings in Hibernate.
* Wrote queries Using **Cassandra**CQL to create, alter, insert and delete elements.
* Developed DAO service methods to populate the domain model objects using hibernate.
* Used java collections API extensively such as **Lists, Sets and Maps.**
* Wrote DAO classes using spring and Hibernate to interact with database for persistence.
* Developed components of web services (JAX-WS, JAX-RPC) end to end, using different **JAX-WS**standards with clear understanding on **WSDL, SOAP**using various message patterns
* Performed on e-Commerce by using **JSF**framework and **JavaScript, jQuery, HTML5 pages**
* Wrote and tested Java Beans to retrieve trading data and subscriber's information from MySQL database server,
* Extensive experience in Angular.JS for application implementation, proficient in creating modules, controllers, route-Providers, factory services, ng-repeat, customizable filter, http get/post methods and directives to realize functionalities like **REST service with Ajax call**, input validations, searchable and sortable contents.
* Implemented Unit and Integration test cases with **JUnit**Framework based on Functional Flow.
* Used tools like My Eclipse IDE, configured and deployed the applications onto Web Logic application server
* Configured Log4j for logging and debugging

**Environment:** Eclipse, Java J2EE, HTML, JSP, JAX RPC, JAXB, CSS3, JavaScript, and jQuery, Spring MVC, Hibernate, RESTful web services, Apache Tomcat7.0, Cucumber, Cassandra, Junit, Jenkins, Maven, GitHub, XML, Log4j, EJB, MySQL, Ajax.

**Dairy Farmers of America, Kansas City, Missouri** **Java Developer**

**November 2014 – December 2015**

**Responsibilities:**

* Responsible for developing **use cases, class**and**sequence diagram** for the modules using UML and Rational Rose.
* Identifying and design of common interfaces across multiple systems or modules of social insurance.
* Developed the application using **Spring Framework** that leverages classical **Model View Layer (MVC)** architecture. UML diagrams like use cases, class diagrams, interaction diagrams (sequence and collaboration) and activity diagrams were used.
* Developed J2EE modules using **XMI**and**CORE JAVA**.
* Interaction with Business users for **user**and**system acceptance testing.**
* Validated the data against the business rules.
* Data access layer is implemented using **Hibernate**.
* Used **Apache POI** to generate Excel documents
* Implemented **Struts action** classes.
* Used **Spring Security** for Authentication and authorization extensively.
* Utilized **Eclipse** to create JSPs/Servlets/Hibernate that pulled information from a Oracle database and sent to a front end GUI for end users.
* Used **JDBC** for Oracle database connection and written number of stored procedures for retrieving the data.
* Developed modules for validating the data according to business rules and used **Castor** to convert data into array of **XML** strings and **XSLT** for transformation.
* Used Hibernate for data persistence.
* Developed **SOAP**based HTTP requests for communicating with Web Services.
* Was involved in the design of multi-tier architecture using **EJB, Servlets and JSP**.
* Used **Spring Dependency Injection** properties to provide loose-coupling between layers.
* Collaborated with Web designers to create the **JSP pages, applying HTML, JavaScript, JQuery**and**Struts Tags**.
* Extensively worked on debugging using Logging Frameworks such as **Apache Log4j**.
* Created test plans for unit testing to validate component functionality.

**Environment:** Java 1.4.2, J2EE, Servlets, MVC, Web services, Struts, Spring - Core, MVC, Security, Eclipse, Hibernate, XML, XSLT, EJB, JSP, JDBC, JAX-B, JQuery, JavaScript, HTML, Log4j, Oracle 10g, Apache POI, Caster, XMI.

**Bank of Utah, Ogden, Utah J2EE Developer**

**May 2013 – October 2014**

**Responsibilities:**

* Designed and developed **Servlets**and**JSP**, which presents the end user with form to submit the details of the problem.
* Created **SQL statements**and**triggers** for the effective retrieval and storage of data from the database.
* Performed **JUnit**testing, proposed and implemented performance enhancements, worked with Oracle databases, running SQL scripts and stored procedures.
* Developed **Restful**based Web Services.
* Was involved in the design of multi-tier architecture using **EJB, Servlets**and**JSP**.
* Developed Servlets used to store user information in the database, which makes a JDBC-ODBC connection to the database and inserts the details into to the database.
* Designed and developed a Servlet, which presents the engineer a form to submit solution to particular problem.
* Setting up test environments and configuring various components of the application using **JDBC** API to establish a connection with oracle database and configuring.
* Designed and developed a **Servlet**, which allows the end user to query on the problem, makes a JDBC-ODBC connection to the database and retrieve the details regarding the call number and the status of the submitted problem.

**Environment:** Java, J2EE, Servlets, JSP, EJB, Custom tags, JDBC, JUNIT, Restful, Data Source, DAO, VO Patterns, Tomcat 5.0, SQL, Oracle 9i, Linux.

**Epsilon, Irving, Texas Junior Java Developer**

**January 2012 – April 2013**

**Responsibilities:**

* Designed the user interfaces using **JSP**.
* Developed **Custom tags, JSTL** to support custom User Interfaces.
* Developed the application using **Struts** (MVC) Framework.
* Implemented Business processes such as user authentication, Account Transfer using **Session EJBs**.
* Used Eclipse to writing the code for JSP, Servlets, Struts and EJBs.
* Deployed the applications on **Web Logic Application Server**.
* Used Java Messaging Services (**JMS**) and Backend messaging for reliable and asynchronous exchange of important information such as payment status report.
* Developed the **Ant** scripts for preparing WAR files used to deploy J2EE components.
* Used **JDBC** for database connectivity to Oracle.
* Worked with Oracle Database to **create tables, procedures, functions**and**select statements**.
* Used **JUnit Testing, debugging**and**bug fixing.**
* Used **Log4J** to capture the log that includes runtime exceptions and developed WAR framework to alert the client and production support in case of application failures.
* Worked in Rational Unified Process (**RUP**) Methodology.

**Environment:** Java, J2EE, JSP, JSTL, JDBC, Struts, EJB, JMS, Oracle, HTML, XML, Web Logic, Ant, CVS, Log4J, JUnit, JMS, PL/SQL, JavaScript, Eclipse IDE, UNIX Shell Scripting, Rational Unified Process (RUP).

# Education:

**Bachelor of Computer Science – University of North Texas, Denton, Texas**