**Harsh Patel**

**Email:** [**itsharshmails8452@gmail.com**](mailto:itsharshmails8452@gmail.com)

**Ph #: 626-600-1604,**

**PROFESSIONAL SUMMARY:**

* Over 7years of experience in design, development, deployment and test of client server, web based and distributed software applications by using **J2SE** and **J2EE** technologies.
* Expertise in developing applications using **Java, J2EE Standards, Java Server Faces, EJB, JSP, Struts, Spring, JDBC, JMS, JNDI, XML, UML, Hibernate, Oracle, MVC Architecture, Web Services, AJAX, RMI, UML, HTML, Java Beans, JavaScript and DHTML.**
* Strong in J2EE application development using **Java, Servlets, JSP, EJB, JDBC, XML, Struts, WebServices, Spring, Hibernate, JMS, MQ-Series, SOAP, JAX-WS.**
* **Strong experience in Core Java, Threads, Multithreading, Synchronization and Collection API.**
* Extensive experience in implementing MVC framework using **Struts** in **J2EE** architecture.
* Experience in working on various **spring** modules **(Spring MVC**, **DAO** and **AOP)** along with **Hibernate** as the back-end ORM tool for implementation of persistence layer and mapping of POJOs.
* Expertise on working with Presentation layer frameworks like **JSP, HTML, XHTML, CSS, JSTL and JavaScript**.
* Experience on **OOP** (Objective Oriented Programming) like **Inheritance, polymorphism, Abstraction and Encapsulation.**
* Expertise in **XML** (SAX, DOM), **XSL**, **XSLT**, **XML Schema,** **DTD, Custom Tags**, and **JavaScript**.
* Experience in developing J2EE applications on different IDE’s like **Eclipse**,NetBeans, **IBM WebSphere Studio Application Developer WSAD, Rational Application Developer (RAD), JBuilder.**
* Strong Understanding of **J2EE design Patterns** like Session facade, Singleton, Front Controller, Business delegate, Service Locator, DTO, DAO.
* Good exposure and experience with **Service Oriented Architecture (SOA) such as Web Services including SOAP, WSDL, JMS (Java Messaging Service), AJAX** and tools like **ANT, Junit.**
* Experience in developing Use Case Model, Use Case Diagrams, and Class Diagrams, sequence diagrams, collaboration diagrams, state chart diagram and Activity diagrams using **Rational Rose.**
* Profound Knowledge in configuring and deploying web applications using **Tomcat** web server and application servers like **Web Logic, JBOSS,** and developed deployment descriptors for the **EJB** to deploy on **IBM WebSphere.**
* Extensively worked on debugging using logging Frameworks such as **Apache Log4J.**
* Good Understanding of relational database concepts and experience in Query construction using **SQL.** Extensive experience in writing, editing and maintaining database objects.
* Experience in using RDBMS concepts and worked with **Oracle 8i/9i/10g/11g**, **DB2** and good experience in writing **stored procedures**, **Functions** and Triggers using **PL/SQL**.
* Experience in utilizing database tools like **TOAD** to operate on relational databases like **Oracle and MySQL.**
* Experience in working version control tools like **CVS, Clear Case** and **SVN.**
* Excellent analytical, logical and programming skills, Self Motivated, Self-Starter, and can work with minimal supervision with effective Communication skills and Organizational skills combined with attention and Time management skills.
* Willingness and Ability to learn and implement New Technologies wherever necessary.

**TECHINICAL SKILLS:**

|  |  |
| --- | --- |
| **Languages** | C, C++, Java JDK 1.4, 1.5, 1.6, J2SE, SQL, PL/SQL, HTML, CSS, DHTML, XML, XSL, XSLT, Java Script, JQuery. |
| **J2EE Technologies** | JDBC, JSP, Servlets, EJB 2.0/3.0, JMS, JNDI, AJAX, JAXB, JAXP, SWT, Swing with drag-n-drop  Animation, JPA, AWT, Hibernate 3.0/3.2.5 and Spring |
| **Frameworks/APIs/Tools** | Struts 1.2.9, Spring MVC, WEB-SERVICES (SOAP, WSDL,UDDI) |
| **XML** | XSL, XSLT, XSD, DTDs, DOM, SAX, JAXB |
| **Database Tools** | TOAD |
| **Application Server** | Apache Tomcat, SQL Server |
| **Build Tools** | ANT, Maven |
| **Version Control Tools** | MS Visual Source Safe (VSS), Apache Subversion (SVN) |
| **Modeling Tools** | Rational Rose, UML |
| **Testing Tools** | Software Quality Assurance (SQA) tools – Mercury Quality Center, Junit |
| **Databases** | Oracle 11g/10g, SQL Server, MYSQL, MS Access |
| **Operating Systems** | Windows, Linux |

**Professional Experience:**

**Client: Mercury Insurance, Folsom, CA. Aug 14 – Till Date**

**Project: Customer Portal** Customer Portal application provides comprehensive information of the various types of Insurance coverage offered by auto insurance company. The website functionality was extended by providing the customers to login and performs online transactions like paying bills online and updating their insurance policy. A new Intranet Customer Care website was redesigned to provide customized information for the end users.

**Role: Core Java Developer**

**Responsibilities:**

* Involved in Analysis, Design, and Implementation of software applications using **Java, J2EE, XML** and **XSLT** and **WebServices** (SOAP, WSDL).
* Implemented **J2EE** design patterns like **Singleton** and **Session Façade**.
* Developed Façade classes to encapsulate the business logic and hide the implementation details of the data access classes and **EJBs.**
* Developed Action Classes, Action Form Classes, created **JSPs** using **Struts** tag libraries and configured in Struts-config.xml, Web.xml files.
* Involved in the application development using **JAVA/J2EE, Hibernate, Struts, EJB, JMS, WID** and **WebLogic.**
* Developed application using **Spring MVC, JSP, JNDI, JSTL** and **AJAX** on the presentation layer, the business layer is built using spring and the persistent layer uses **Hibernate.**
* Implemented the application using **Struts Framework** which is based on **MVC** design pattern.
* Integrated **Struts** application with **Spring** Framework by configuring Deployment descriptor file and application context file in Spring Framework.
* Used **Eclipse** as Java IDE tool for creating various J2EE artifacts like **Servlets**, **JSP’s** and **XML**.
* Involved **Java multithreading** to cascade multiple changes on multiple records in only one transaction and developed a batch process framework.
* Developed User Interface having animations and effects using **JSF**, **JavaScript** and **HTML**.
* Designed, developed and maintained the data layer using **Hibernate** and performed configuration of **Struts** Application Framework.
* Extensive use of **multi-threading** from synchronization.
* Used **JSF framework** with **AJAX** in developing user interfaces using JSF UI Components, RIA components, Validator, Events and Listeners.
* Implemented the **Struts** frame work with **MVC** architecture.
* Developed the presentation layer using JSP, HTML and client side validations using JavaScript.
* Developed middle-tier application with J2EE using Servlet, EJB, Java Beans and Web Services Standards (SOAP, WSDL, UDDI).
* Developed DAOs (Data Access Object) using **Hibernate** as ORM to interact with DBMS – Oracle.
* Created **XML** Schema, XML template and used **XML SAX/DOM** API to parse them.
* Applied **J2EE** design patterns like Business Delegate, DAO, and Singleton etc.
* Used **Hibernate** ORM for data persistence and transaction management.
* Extensively used **Hibernate** in data access layer to access and update information in the database.
* Developed Web Services using **XML messages** that use **SOAP**. Developed **Web Services** for Payment Transaction and Payment Release.
* Involved in coding, maintaining, and administering **EJBs,** **Servlets,** and **JSP** components to be deployed on a **WebLogic** application server.
* Developed and Deployed **EJBs**and other Components in the **JBoss**Application Server.
* Deployed and tested the application using **WebLogic** application server.
* Involved in coding, code reviews, **Junit** testing, Prepared and executed Unit Test Cases.
* Implemented and used **Web Services** with the help **of WSDL**, **SOAP and JAX-WS** to get updates from the third parties.
* Implemented core java threads and **multithreading** with **synchronization**.
* Used **Log4j** for External Configuration Files and debugging.
* Designed various tables required for the project in **Oracle** databaseand used the **Stored Procedures** in the application.
* Wrote and debugged the **ANT** Scripts for building the entire web application.
* Used **CVS** for version control across common source code used by developers.
* Worked with QA team in preparation and review of test cases.
* Monitored team members to follow standards, guide lines and use new tools.

**Environment**: Java EE , Servlets, Spring3.0, Hibernate, JAXB, IBM MQ Series, EJB, XML, XSL, XSD, CSS,PVCS, Java Script, AJAX, MVC,HTML, Multithreading, Eclipse, WebLogic, JBoss, Junit, HttpUnit, JTS, UNIX, Hibernate, SQL, Oracle and Windows.

**Client: Gordon Food Service (GFS), Grand Rapids, MI. Jun 13 – Jul 14**

**Project:** **WMS & Invoice**

The purpose of the WMS Fusion Mechanized project is to replace the aging WMS system, encompassing: the batch scheduling framework, database model, workload batching (order cycles), label/report printing, put away, letdowns, etc. The goal of the project is to update our automated warehouse systems to a more consistent and supportable code base in a newer programming language (Java), to support more code testing and quality assurance, and to strive to make warehouse concepts and business processes consistent throughout the company.

**Role: Java Developer**

**Responsibilities:**

* Involved in System Analysis and Design methodology as well as Object Oriented Design and development using OOAD methodology to capture and model business requirements.
* Responsible for Object Oriented Design using Enterprise Architect.
* Involved in designing, developing and testing of **J2EE** components like **Java Beans**, **Java**, **XML**, **Collection** **Framework**, **JSP**, **Servlets**, **JMS**, **JDBC**, **and JNDI** and deployments in **WebLogic Server.**
* Used **Struts/MVC** framework to enable the interactions between **JSP/View** layer and implemented different design patterns with **J2EE** and **XML** technology.
* Implemented the web-based application following the **MVC II** architecture using Struts Framework.
* Developed front-end components using JSP, **Struts** Tiles layout.
* Used **Struts/MVC** framework to enable the interactions between **JSP/View** layer and implemented different design patterns with **J2EE** and **XML** technology.
* Extensive experience in core java in the areas of **collections**, **JDBC**, **Multithreading**, **Synchronization** etc.
* Implemented J2EE patterns like, **Data Access Object, Session facade, Business Delegate** and Value Object.
* Implemented the service layer using **Spring 2.5** with transaction and logging interceptors.
* Used **spring** framework for middle tier and **spring-hibernate** for data access.
* Extensively worked on the **Struts** DAO module and ORM using Hibernate.
* Used **Eclipse** as Java IDE tool for creating various J2EE artifacts like **Servlets**, **JSP’s** and **XML**.
* Extensively developed User defined Custom JSP tags to separate presentation from application logic.
* Involved in coding, maintaining, and administering **Servlets, and JSP** components to be deployed on a **WebLogic** **Application server** application server.
* Developed Message Beans, Session Beans (EJB’s), which would be invoked by Web tier, using design patterns like Delegates, Resources Locator.
* Used JMS (Asynchronous/Synchronous) for sending and getting messages from the MQ Series.
* Used **JSF framework** with **AJAX** in developing user interfaces using JSF UI Components, RIA components, Validator, Events and Listeners.
* Developed Web Services using **XML messages** that use **SOAP**. Developed **Web Services** for Payment Transaction and Payment Release.
* Installation, Configuration & administration of **WebLogic** and **JBOSS** application Servers.
* Used **Hibernate** to access database and perform database updating.
* Designed and developed used **XSLT** transformation components to convert data from XML to HTML, Used XML DOM API for parsing **XML.**
* Worked with most of the core Java functionalities like **synchronization**, collection framework and multi-threading to solve rendering images and heavy calculations like brute force calculations.
* Involved in writing SQL, Stored procedure and PLSQL for back end. Used Views and Functions at the Oracle Database end. Developed the **PL/SQL** scripts for rebuilding the application Oracle Database.
* Developed **HTML** and **JavaScript.** Developed Scripts for **UNIX** platform deployment.
* Used **Maven** for compilation and building **JAR, WAR** and **EAR** files.
* Involved in unit testing using **Junit.**
* Project coordination with other Development teams, System managers and web master and developed good working environment.

**Environment:** J2EE,JSP, Servlets, JSF, Spring DI/IOC, Hibernate, EJB, JMS, JNDI, XML, XSLT, HTML, MQ Series, JDBC, SOAP, WebLogic, JBoss, Junit, Maven, Log4J, Oracle and Windows.

**Client: Harris Bank, Chicago, IL. Sep 12 –May 13**

**Project: Anti Money Laundering.**

**Project Description**: AML provides a comprehensive Reporting and query capabilities. It capture's customer Details Store compliance rules monitors transactions and flags any violation of transactions against customer profile and compliance rules. The system generates all statutory Reports and provides for generation of Suspicious Activity Reports. The primary objective of any anti money laundering solution is to Monitor Customers & Transactions for Money Laundering activities Scan Customers and transactions against the various blacklists.

**Role: J2EE Developer**

**Responsibilities**:

* Effectively interacted with team members and business users for requirements gathering.
* Understanding functional specifications and documenting technical design documents.
* Used **Spring MVC** to decouple business logic and view components.
* Involved in the integration of **spring** for implementing Dependency Injection (**DI/IOC).**
* Developed the Business Logic using Plain Old Java Objects **(POJOs).**
* Developed Graphical User Interfaces using **HTML** and **JSP’s** for user interaction.
* Created **ExtJS** pages, used **JavaScript** for **client-side validations**, and **AJAX** to create interactive front-end **GUI**.
* Used **JSON** for data exchange between application modules along with **XML.**
* Used **Direct Web Remoting**, **Spring JDBC Template** and **Spring DAO’s Support classes for JDBC.**
* Created set of classes using **DAO pattern** to decouple the business logic and data.
* Used various Core Java concepts such as **Multi Threading, Exception Handling, Collection APIs** to implement various features and enhancements.
* Consumed **Web Services** for transferring data between different applications.
* Used **Hibernate**, object/relational-mapping (ORM) solution, technique of mapping data representation from MVC model to **Oracle Relational data model with a SQL schema**.
* Built scripts using **Ant** to build the J2EE application.
* Developed the application using **RAD as the IDE** and used its features for editing, debugging, compiling, formatting, build automation and **version control (CVS).**
* Wrote test cases in **JUnit** for unit testing of classes and implemented the logging using **Log4j**.
* Used **CVS** version control to track and maintain the different version of the application.

**Environment:**Java, J2EE, JSP,JSTL, Servlet, Agile Methodology, Struts, MVC, Tomcat/Jboss , XML, HTML, CSS, DHTML, DOM, Hibernate , Struts, SOAP, JavaScript, Multithreading, Junit, Web services, PLSQL, Oracle, JDBC, ANT, Rational Rose and Windows.

**Client: Myriad Devices, Fargo, ND. Nov 11 – Aug 12**

This project consists of the design and development of a web mail that is used for the login. The user can login by creating an account and information stores in the database at the back end. After successful login the client would be able to update the secure information, stored in the database at the back end.

**Role: J2EE Developer**

**Responsibilities:**

* Participated in development phases of the project with major emphasis on coding and unit testing of the modules.
* Development methodology used was the agile methodology. Process included iterative development, 2 week sprints, and daily stand.
* Developed the presentation layer on Struts framework using Servlets and JSP.
* Used Eclipse for developing web components such as JSP, Controller tier that includes action classes.
* Designed and developed the business logic components using facade design pattern.
* Created war/ear files and deployed them on WebSphere application server.
* Developed various stored procedures, functions, and packages and materialized views along with JDK and JDBC for backend and middle level data access layer between Java and Oracle in OLTP application.
* Developed PL/SQL stored procedures to perform complex database operations.
* Front-end designing and validation were done using the JavaScript.
* Prepared Test Case document to test the required functionalities.
* Performed Unit as well as integration testing for all the modules.
* Created Technical documentation as per the company standards.
* Used Ant scripts to fetch, build and deploy the application to development environment.
* Enhanced the system with change requests and coordinating with business and development team.
* Interacted with DBAs, Data Architects, Application Team, Infrastructure team.

**Environment:** Java, J2EE, JSPs, Servlets, JDBC, Web Services, SOAP/HTTP, Struts, WebSphere, XML, XSLT, JavaScript, HTML, NetBeans, Oracle, Windows.

**Company: Impetus Infotech India Pvt Ltd, India. May 10 – Oct 11**

Personalized Web on Mobile (PWM): PWM, Personalized Web on Mobile is an approach to extract only appropriate contents and display them on mobile. This approach helps in displaying Web Pages with optimum contents on Mobile efficiently. The purpose of this project was to use existing web pages and extract out only small contents from those web pages and display on small screen of the mobiles.

**Role: Java Developer**

**Responsibilities**:

* Used web services for transmission of large blocks of XML data over HTTP.
* Created UML diagrams (use case, class, sequence, and collaboration) based on the business requirements.
* Involved in designing and developing dynamic web pages using HTML and JSP with Struts tag libraries.
* Designed JSP layout using Struts Tiles Framework.
* Used JavaScript for client-side validation and Struts Validator Framework for form validations.
* Implemented PL/SQL queries and used Oracle stored procedures, and built-in functions to retrieve and update data from the databases.
* Used Hibernate Framework for object relational mapping and persistence.
* Used Eclipse for the development environment.
* Wrote Junit test cases to test the functionality of each method in the DAO layer.
* Used CVS for version control.
* Configured and deployed the web application using WebLogic Application Server.
* Prepared technical reports and documentation manuals for efficient program development.

**Environment**: Java, JSP, Servlets, Struts Framework, Struts Tiles Framework, Struts Validator Framework, JavaScript, XML, Hibernate, JDBC, HQL, Oracle, PL/SQL, WebLogic, Eclipse, Junit, CVS, Unix-Solaris.

**Company: Solivar Technologies ltd, India. Jun 08 – Apr 10**

This project involved in creating software for generating current stock pricelist of various companies and providing the facility of online linking to trading. The user can get the information about various companies in terms of profit, loss statement, companies balance sheet and its future plans, companies fast performance, stock values and present trend etc. through Internet.

**Role: Software Engineer**

**Responsibilities:**

* Worked as a developer in a team that analyze, design and develop the solutions for the project.
* Involved in developing front-end screens using JSP, Servlets and HTML.
* Involved in implementing persistent data management using JDBC.
* Involved in implementing front-end validations using JavaScript.
* Responsible for the designing the SQL queries, procedure, cursor, triggers, scripts.
* Involved in performance tuning like database connections related problems and deployment of the application in WebSphere.
* Played an active role in testing the application by writing test cases for different scenarios.
* Involved in doing the proper documentation, made a Java doc for the application.

**Environment:** J2EE, Java, JDBC, Servlets, JSP, HTML, XML, WebSphere, JavaScript and Oracle.

**EDUCATION:** Bachelor of Engineering in Information Technology, Vasad, Gujarat, India