**Paul Thomas**

**Sr. Java/ J2EE Developer**

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**Summary:**

An accomplished software engineer specialized in object oriented programming analysis with extensive full Software Development Lifecycle (SDLC) experience in Application Software Specifications, Design, Development, Testing and debugging, Maintenance.

* Over 9 years of strong software experience in design, development and deployment of web-based and Client-Server business applications using **OOP, Java/J2EE technologies** in various domains like Finance/ E-Commerce/ Banking/ Insurance.
* Ability to efficiently translate algorithms, ideas and concepts to software applications.
* Proficient in applying design patterns like **MVC, Singleton, Session Facade, Service Locator, Visitor, Observer, Decorator, Front Controller, Data Access Object.**
* Expertise in design with Use Case, Sequence diagrams, Activity diagrams, Class diagrams with exposure to **UML**, tools like **Rational Rose** and use of Rational Unified Process **(RUP**)**.**
* Excellent experience in Object Oriented Analysis and Design (OOAD), Development, Implementation and Testing of various software applications using **Java, J2EE**.
* Expertise in the implementation of Core concepts of **Java, J2EE Technologies**: JSP, Servlets, **JSF**, **JSTL**, **EJB** transaction implementation (CMP, BMP, Message-Driven Beans), **JMS**, IBM MQ, **Struts, Spring, Swing, Hibernate, Java Beans, JDBC, XML, Web Services, JNDI, Multi-Threading etc.**
* Proficient in implementation of frameworks like **Struts, spring, JSF, AJAX frameworks (Rich Faces**, **My Faces)** and **ORM** frameworks like **Hibernate**.
* Expertise in **XML** technologies such as **XSL**, **XSLT**, **XML schemas**, **X Path, X Forms, XSL-FO** and parsers like **SAX, DOM.**
* Utilized the **IBM WebSphere** MQ for asynchronous messaging between components using JMS.
* Expertise in developing **SOA** (Service Oriented Architecture), **REST** and **J2EE Web Services** based on **SOAP, WSDL, UDDI, JAX-WS, JAXB, JAX-RPC** using tools like **Apache Axis.**
* Proven experience with Application Servers like **IBMWebSphere** 6.x/5.x/7.x, **Oracle**/BEA **WebLogic**9.x/8.x/7.x/6.x, **JBoss** and **Tomcat** 5.x/4.x/3/x
* Proven experience in writing Queries, Stored Procedures, Triggers, Cursors, Functions and Packages using **TOAD**.
* Excellent experience with major relational databases – **Oracle 8i/9i/10g, SQL Server 2000/2005/2008, DB2, My SQL.**
* Extensive development experience in different IDE's like **Eclipse 3.x, Aptana Studio, J builder 9.x/8.x, WSAD 5.x, IBM RAD** and **Altova XML Spy.**
* Knowledge on Grid Controls, Pie Charts and other Swing Components
* Experience with **Angular JS, JQuery, JavaScript, VBScript, Perl, AJAX, Adobe Flex, ActionScript, JSON, HTML, DHTML, CSS, Tiles, Tag Libraries.**
* Experience in software configuration management using **CVS**, **SVN** and **IBM ClearCase**.
* Hands on experience with build tools like **ANT**, **Maven** and logging tools like **Log4J.**
* Expertise in testing with **Junit** using tools like **JMeter.**
* Experience in **Agile** software development process, **Test Driven Development** and **Scrum**.
* Experience in Jenkins integration service for software development.
* Experience on **Flex** to utilize the power of Java servers while creating expressive and interactive interfaces with a technology that has almost 100% deployment in browsers.
* **Production support-**Provided development (quick fixes) and technical support for complex/ critical applications. Coordinated with other teams to resolve end-user issues promptly.
* Excellent written and verbal communication skills, Analytical, Problem Solving skills, strict attention to detail and ability to work independently, lead/work within a team environment.

**Education:**

Bachelors in Computer Science from University at Buffalo, NY.

**Skills:**

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| **Java/J2EE Technologies** | Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, JFC/Swing, MQ, AWT, Applets, Multi-threading, Java Networking |
| **Programming Languages** | Java JDK1.4/1.5/1.6, C++, C, SQL, PL/SQL |
| **Application/Web Servers:** | Oracle/BEA Web logic 8.1/9.1, IBM Web sphere 5.1/6.0/6.1/7.0, J Boss, Tomcat 5.0.28/6.0,Bug tracking, Jenkins. |
| **Frameworks** | Struts 2.x/1.x, Spring 3.x/ 2.x, Hibernate 3.x, JSF 1.2/2.0,iBatis,Flex |
| **IDEs** | Eclipse 3.x, IBM WSAD, IBM RAD 7.x/6/x, IntelliJ |
| **Web technologies** | JSP, JavaScript, J son, j Query, AJAX, XML, XSLT, HTML, DHTML, CSS |
| **Web Services** | JAX-WS, JAX-RPC, JAX-RS, SOAP, WSDL, UDDI, REST |
| **XML Tools** | JAXB, Apache Axis, Altova XML Spy |
| **Methodologies** | Agile, Scrum, RUP, TDD, OOAD, SDLC |
| **Modelling Tools** | UML, Rational Rose, Visio |
| **Testing technologies/tools** | JUnit, JMeter, Html Unit |
| **Database Servers** | Oracle 8i/9i/10g/11g, DB2, SQL Server 2000/2005/2008, MySQL |
| **Version Control** | CVS,SVN, Rational clear case, git |
| **Build Tools** | ANT, Maven |
| **Platforms** | Windows 2000/98/95/NT4.0, UNIX, Windows 7 |

**Experience:**

**Client: Pandera Systems- Orlando, FL May’14 - Till Date**

**Role: Sr. Java/J2EE Developer**

**Responsibilities:**

* Developed the **J2EE** application based on the **Service Oriented Architecture.**
* Used **Design Patterns** like **Singleton, Factory, Session Facade and DAO.**
* Developed using new features of **Java 1.7** Annotations, Generics, enhanced for loop and **Enums**. Used **spring** and **Hibernate** for implementing **IOC**, **AOP** and **ORM** for back end tiers.
* Involved in writing **Thread** Safe blocks for **multithread** access to make valid transactions.
* Created and injected **spring** services, **spring** controllers and DAOs to achieve **dependency injection** and to wire objects of business classes.
* Configured and build Asynchronous communication with JMS services with MQ Series.
* Used **Spring Inheritance** to develop beans from already developed parent beans.
* Worked on **Spring Quartz** functionality for scheduling tasks such as generating monthly reports for customers and sending those mails about different policies.
* Developed various generic **JavaScript functions** used for validations.
* Developed screens using **jQuery,JSP**, **JavaScript**, **AJAX** and **Ext JS.**
* Developed various generic **JavaScript functions** used for validations.
* Developed screens using **HTML5, CSS, JavaScript, JQuery and AJAX.**
* Used **Aptana Studio and Sublime** to develop and debug application code.
* Used **X Stream** API to transfer data back and forth between **Spring MVC** and **Ext JS**.
* Used **AJAX** extensively to implement front end /user interface features in the application.
* Developed the presentation layer and GUI framework in JSP and Client-Side validations were done.
* Implemented SOA to develop **REST** Based **Web services** using **Apache Axis**.
* Developed **RESTWeb Services clients** to consume those Web Services as well other **enterprise wide Web Services.**
* Designed and developed custom message adapter components that allowed message to travel through IBM MQ Series XML Beans and JMS.
* Exposed the **Web Services** to the client applications by sharing the WSDL’s.
* Created logical and physical data models putting to practice, concepts of **normalization** and **RDBMS.**
* Used **Hibernate framework** for back end development and Spring dependency injection for middle layer development
* Involved in a full life cycle Object Oriented application development - Object Modeling, Database Mapping, GUI Design
* **SVN** was used for project management and version management.
* **Deployed the application on Websphere 7.0 application server.**
* Developed Functional Requirement Document based on users’ requirement.
* Experience with **Flex** framework for building and maintaining web applications

**Environment:** Core Java, J2EE, Spring framework, Spring MVC, Hibernate 3.x, jQuery, JSON, JSF, Servlets 2.3, JDBC, AJAX, Web services , SOAP, XML, Java Beans, XStream, Apache POI, Ext JS, JQuery, Restful, JavaScript, Oracle 11g, IBM RAD, Websphere 7.0, Agile Methodology, Design Patterns, SVN, Apache Maven, JUnit, Html Unit, XSLT, HTML/DHTML.

**Client: Deloitte - Orlando, FL**  **Sep’12-Apr’14**  
**Role: Sr. Java/J2EE Developer**

**Responsibilities:**

* Identified the Business requirements of the project.
* Involved in preparing System Requirements for the project.
* Involved in preparing the Detailed Design document for the project.
* Extensively used **MVC**, **Factory**, **Delegate** and **Singleton** design patterns.
* Used **Java 1.6** for the compilation.
* Used **Spring Framework AOP Module** to implement **logging** in the application to know the application status. Used **Spring DAO Module** along with Struts Framework to deal with Database.
* **Spring MVC Framework IOC (Inversion of Control)** design pattern is used to have relationships between application components. It is also used to separate the application configuration and dependency specification from the actual application code.
* Developed, and debugged the **servlets and EJB** with Websphere Application server.
* Developed the middle tier using **EJBs, Java Servlets**.
* Developed **session, entity beans and message driven beans.**
* Designed and developed the UI using **Struts view component, JSP, HTML, CSS** and**JavaScript, AJAX, JSON**.
* Designed the data flow for the client-side screens and the object interaction layer for the server side components using **Rational Rose.**
* Involved in Use Case Diagrams, Class Diagrams and Sequence diagrams using **Rational Rose.**
* **MQ** was used to provide a single unifying transport that reduces cost and maintenance efforts, including support for HTTP, REST and JMS.
* Used **XML/XSLT** for transforming common XML format and **SAML** for Single Sign-On.
* Designed configuration **XML Schema** for the application.
* Used **JavaScript** for the client side validation.
* Used **XML Http Request** Object to provide asynchronous communication as part of **AJAX** implementation.
* Designed and implemented Java Classes to use JAXP parser to create Java objects so as to be able to modify the data received in the response.
* Used SOAP for **Web Services** by exchanging XML data between applications over HTTP.

**Environment:** Core Java/J2EE, Servlets, JSP, Java Spring, JSTL, EJB, JMS, XML, XSLT, JDBC, AJAX, IBM Websphere Application Server 7.0, Oracle 10g, WSAD, IBM MQ, HTML, CSS, Soap, Restful, JavaScript, Eclipse, UML, Rational Rose, Windows XP, CVS, JUnit, ANT, Adobe Flex, Visio.

**Client: Cognizant Technology Solutions - Toronto, ON Nov’10-Aug‘12**

**Role: Sr. Java/J2EE Developer**

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis and Code development.
* Worked as a **team lead** of the project.
* Generated Use case diagrams, Class diagrams, and Sequence diagrams using **Rational Rose**
* The application is designed using **J2EE design patterns** and technologies based on **MVC** architecture
* **Agile Methodology** is used for development of the application.
* Used **J2EEdesign** patterns like Value Object Pattern, S**ession façade, Singleton, Factory** and **DAO**.
* **Spring with Tiles Framework** is implemented for a common look in all the presentation views.
* Integrated struts MVC with **spring DI and Spring hibernate DAO**
* **EJB** Session Beans were used to process requests from the user interface and CMP entity beans were used to interact with the persistence layer.
* Developed **EJB MDB’s** and message Queue’s using **JMS** technology.
* Implemented security for different front end views based on the access privileges.
* Involved in writing **XML** validation classes using Struts validation framework.
* Designed the user interfaces using **JSPs, AJAX** and **Struts Tags**.
* Used **XML Web Services** using **SOAP** to register agents using non-java application.
* Used **RAD IDE** based on **Eclipse** for writing code for **JSP, Action Classes, Struts** and **spring beans**.
* Involved in writing **DAO, DTO’s** using Hibernate DAO Support.
* Implemented persistence layer using **Hibernate** that uses the POJOs (which do not have the business processes) to represent the persistence database tuples.
* Used **IBM WebSphere** Application Server to deploy the application.
* Developed **Junit test cases** for DAO and Service Layer methods.
* Used **SVN** for version control of the application.
* Used **Log4J** to capture the log that includes runtime exceptions.
* Developed the **ANT** scripts for preparing **WAR** files used to deploy J2EE components.
* Interacted with quality assurance team for requirements gathering and analysis.

**Environment:** Core Java, J2EE, JSP, Struts, Spring, OOAD, Oracle 9i, HTML, EJB3, AJAX, JMS,XML, Design Patterns,ANT, Rationale Rose, IBM RAD IDE, Soap, IBM WebSphere Application Server 6.1, Restful, Hibernate 3.0, LOG4J, SVN, TOAD, JUNIT, UML.

**Client: American Express, Miami, FL Nov’08-Oct’10**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis and Code development.
* Generated Use case diagrams, Class diagrams, and Sequence diagrams using **Rational Rose**.
* Developed the applications using **Java, J2EE, Struts, JDBC**
* Worked on various use cases in development using Struts and testing the functionalities.
* Involved in preparing the High Level and Detail level design of the system using **J2EE.**
* Created **struts form beans, action classes, JSPs** following **Struts framework standards**.
* Implemented the database connectivity using **JDBC** with **Oracle 9i** database as backend.
* Involved in the development of model, library, struts and form classes (**MVC**).
* Used display tag libraries for decoration and used display table for reports and grid designs.
* Designed and developed file upload and file download features using jdbc with Oracle Blob.
* Worked on core java, using file operations to read system file (downloads) and to present on **JSP**.
* Involved in the development of underwriting process, which involves communications without side systems using **IBM MQ** and **JMS**.
* **Used PL/SQL** stored procedures for applications that needed to execute as part of a scheduling mechanisms.
* **Designed and developed Application based on Struts Framework using MVC design pattern.**
* **Developed Struts Action classes using Struts controller component.**
* Developed SOAP based XML web services.
* Used **SAX XML API** to parse the XML and populate the values for a bean.
* Used **Jasper** to generate rich content reports.
* Developed **XML** applications using **XSLT** transformations.
* Created **XML** document using **STAX XML API** to pass the XML structure to Web Services.
* **Apache Ant** was used for the entire build process.
* Used **Rational Clear Case** for version control and **JUnit** for unit testing.
* Used quartz scheduler to process or trigger the applications on a daily basis.
* Configured **WebSphere** Application server and deployed the web components.
* Provided troubleshooting and error handling support in multiple projects.

**Environment:** Core Java, Flex, EJB, Struts, Spring, JSP1.2, Servlets2.1, Jasper reports, JMS, IBM MQ, XML, SOAP, UDDI, WSDL, JDBC, JavaScript, XSLT, XML, UML, HTML, JNDI, Rational Rose 98, Restful, Oracle 9i, IBM Websphere 6.0, ClearCase, Log4J, ANT, JUnit, IBM RAD, and Apache Tomcat.

**Client: Pulte Group - Detroit, MI Oct’06-Oct’08**

**Role: Java Developer**

**Responsibilities:**

* Designed the application using the J2EE design patterns such as **Session Façade, Business Delegate, Service Locator, Value Object, Value List Handler, Singleton.**
* Developed Use case diagrams, Object diagrams, Class diagrams, and Sequence diagrams using **UML**.
* Developed presentation tier as **HTML, JSPs** using **Struts** Framework.
* **Developed the middle tier using EJBs.**
* Developed **session, entity beans and message driven beans**.
* Entity Beans used for accessing data from the **SQL Server** database.
* **AngularJs** opinionated about how a CRUD (Create, Read, Update, Delete) application should be built.
* Prepared high and low level design documents for the business modules for future references and updates.
* Deployed the application on **Websphere** application server in development and production environment.
* Undertook the Integration and testing of the different parts of the application.
* Developed automated Build files using ANT.
* Used **Subversion** for version control and **log4j** for logging errors.
* Code Walkthrough, Test cases and Test Plans.

**Environment:** Core Java/J2EE, Struts 1.2, Tiles , EJB, JMS, Servlets, JSP, JDBC, HTML, CSS, JavaScript, JUnit, Websphere 7.0, Eclipse, SQL Server 2000, log4j, Subversion, Windows NT.