
John Smith

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SOFTWARE DEVELOPER

♦ Website Development - Sun Certified Programmer - Database Management ♦

An accomplished Software Developer managing and developing various I.T. projects and processes, leading teams, providing an overall strategic view of business needs, the team budget and delivery requirements as well as the stability and development of database systems. Experienced also covers web application development, testing and deployment within the Financial, Banking, Telecom and Insurance industries. I am now looking to make a continued significant contribution in the UK.

PROFESSIONAL DEVELOPMENT

MSc.	State University of New York at New Paltz	2006
BSc.	Degree: Bachelor of Technology in Computer Science (Jawaharlal Nehru Technological University)	2004
<u>Java Sun Certified:</u>	Programmer for Java 2 Platform, Standard Edition 1.4 (SCJP)	

PROFESSIONAL EXPERIENCE AND SIGNIFICANT ACHIEVEMENTS

J2EE SOFTWARE DEVELOPER (WEBSPHERE)

Feb 06 - Present

Company A

Project 1: Internet Highway Advertising Application (IHAP) An application is used to maintain Highway Billboard information.

Project 2: Pavement Historical Database (PHD) A historical database of the cross-section and materials for all trunk lines maintained by MDOT.

Project 3: Pavement Preservation Plan(P3) A program that plans out pavement strategy or corridor plan for all roads, ramps and service drives.

- **Developed:** Business Delegate, Session Façade, Service Locator and Data Access Object (DAO) and Data Transfer Object (DTO) design patterns; Message Driven Beans using JMS; presentation tier as HTML, JSPs using Struts Framework; Custom Tags that simplified the JSP code for use in the Presentation Layer; DAO's to connect to backend database Oracle, and used JDBC for the database connectivity.
 - **Instrumental in:** design and development phase of Rational Unified Processing (RUP), modular architecture (J2EE standards; Client-tier, Web-tier, Business-tier). Involved in writing test cases and performed unit testing using JUnit to test the business logic.
 - Deployed and tested the prototype on Web Sphere Test Environment 5.1 and contributed to deployment and maintenance on Web Sphere Application Server 5.1.
 - Configured validations.xml and implemented custom validations.
 - Implemented Session EJBs at the middle tier level using WSAD to process the requests, configured struts deployment descriptor struts-config-admin.xml, ejb-jar.xml and web.xml for the application modules.
 - Monitored the error logs using Log4J logging framework and fixed the problems detected.
 - **Experience covers the use of:** Rational Rose for use case diagrams, Activity Flow Diagrams, class diagrams and object diagrams. Used struts framework for managing the navigation and page flow; Tiles Framework. Used O/R mapping tool Hibernate to store the persistence data into the Database. Web services - WSDL and SOAP for getting credit card information from third parties. Toad application to access backend database; PVS Tracker tool for tracking and bug reporting; Rational Clearcase for version control.
 - **Environment:** J2EE, Jav, JSP, Tiles, Servlets, EJB, Oracle, struts, JDBC, JUnit, TOAD, HTML, WSAD, WAS, Hibernate Framework, Rational Clearcase, PVCS Tracker Tool, XML, Web Services.
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PROFESSIONAL EXPERIENCE AND ACHIEVEMENTS (CONTINUED)

JEE WEBSHERE DEVELOPER

Nov 05 - Feb 06

Company B

Managed various I.T. projects and developed processes as part of a team, providing an overall strategic view of the business needs and delivery requirements. Responsible for the stability and development of database systems and the team budget.

- **Developed:** Business Delegate, Service Locator, and Data Access Object (DAO) and Data Transfer object (DTO) design patterns; application front end as a Struts framework for managing the navigation and page flow, action classes, form beans and Java Server Pages, using WSAD. Developed Custom Tags to simplify the JSP code for use in the Presentation Layer; DAO's to connect to backend database Oracle, and used JDBC for the database connectivity; Designed and developed the User Interface Module, Accounts Module.
- **Experience covers the use of:** O/R mapping tool Hibernate to store the persistence data into the Database; PVS Tracker tool for tracking and bug reporting; CVS for version control.
- Involved in writing test cases and performed unit testing using JUnit to test the business logic.
- Monitored the error logs using Log4J logging framework and fixed the problems detected.
- Configured validations.xml and implemented custom validations;
- Deployed and tested the prototype on Web Sphere Test Environment 5.1 and contributed to deployment and maintenance on Web Sphere Application Server 5.1.
- Implemented Session EJBs at the middle tier level using WSAD to process the requests, configured struts deployment descriptor struts-config-admin.xml, ejb-jar.xml and web.xml for the application modules.
- Simplified the customer's operation and at the same time maximized the electronic clearing of the images (checks) and collection opportunities for specific items.
- **Environment:** J2EE, Java, JSP, Servlets, EJB, DB2, struts, JDBC, JUnit, HTML, WSAD, Web Sphere Application Server (WAS), Hibernate Framework, Oracle, CVS, PVCS Tracker Tool, XML.

SOFTWARE DEVELOPMENT SKILLS

<u>Languages</u>	Java 1.2/1.3/2, C, C++, COBOL, SQL, PL/SQL, XML
<u>RDBMS/Database Servers</u>	Oracle 8i/9i, DB2UDB, SQL Server 2000, MS Access
<u>Web Technologies</u>	Struts 1.1, Servlet 2.3, JSP 2.0, HTML, Java Script
<u>Application Frame Work</u>	Struts framework, Apache Ant builder, Hibernate, Spring Framework.
<u>Distributed Technologies</u>	J2EE1.3, EJB 2.0, JMS, MQ Series 5.2 and RMI
<u>XML and Web-Services</u>	XML, SAX/DOM/ JAXP, JAXB Parsers, XSLT, SOAP, WSDL, SOA
<u>Web/Application Servers</u>	WebSphere5.1/5.0/4, WebLogic8.1/7.0, Apache Tomcat 5x/4x
<u>IDE Tools</u>	WSAD 4.0/5.0,Eclipse 2.0/3.0
<u>Networking Protocols</u>	TCP/IP, HTTP, HTTPS, FTP, TELNET,SOAP,RMI
<u>Unit Testing / Build Tools</u>	Junit, Ant, Log4j,Rational Rose
<u>Operating Systems</u>	MS-DOS, Windows95/98/NT/2000/Xp, UNIX

Others: Object Oriented Programming, WSAD Eclipse. WebLogic SDLC, OOAD, UML RUP. JSP, Servlet, EJB, JMS, JDBC, Web Services, Struts, RMI, JNDI. MVC Business Delegate, Data Access Object, Data Transfer Object, Service Locator, Singleton and Session Façade. GUIs using JSP, HTML, Java Applets, Java Swings, Jakarta Struts 1.1 frameworks based on MVC, Hibernate. Simple API for XML (SAX) and DOM. XSLT. SOA using WSDL and SOAP. JMS to IBM MQ series for Oracle 9i/10g, DB2, SQL Server, Sub Queries, Stored Procedures, Triggers, Cursors. Toad. JUnit, Log4j CVS, Rational Clear case. ANT scripts.

References available on request.