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**Professional Summary**

* Senior J2EE Consultant with over **7+** years of experience in analysis, design, implementation, and testing of **Web/Enterprise** applications in the **Client/Server** environment using **Java/J2EE**
* **Experience** in using Software development methodologies such as **Agile, SDLC, RUP, and OOAD**.
* Expertise in designing and developing Web based Enterprise applications using J2EE technologies like **JSPs, Servlets, EJB, Struts, Spring, Hibernate.**
* Implemented various **Design patterns** includingBusiness Delegates, Data Access Object, Model View Controller, Session facade, Singleton etc.
* Expertise in configuring the Spring Application Context with dependency injection and using **Spring Framework** 2.0/2.5 integrated it with **Struts/Hibernate/Web Services JMS/JDBC/JNDI**
* Performed in developing **light weight business** components and integrated applications using spring framework, and **Spring web MVC**.
* Implemented Cross cutting concerns like **logging** and declarative transaction management using **Spring AOP**.
* Created **robust** user Interface **(UI)** using **HTML, CSS, JQuery, JSP, JavaScript, AJAX, Custom Tags, JSTL, XML, XSL,JSF.**
* Developed **Java Beans** and used **custom tag libraries** for embedding dynamic into JSP pages. Performed **asynchronous** data validation using **AJAX**.
* Extensively worked on implementing **Service Oriented Architecture (SOA)** using **Web Services** (**SOAP, WSDL, UDDI**)
* Strong at **XML Technologies** like DTD, XSL, Schemas, X-Path, **DOM, SAX**
* Hands on experience in developing Java and J2EE applications using **Eclipse 2.0/3.0/3.1, My Eclipse 4.1, WSAD 5.0., RAD.**
* **Experience** in deployment of the J2EE applications on **WebSphere, WebLogic, Apache Tomcat.**
* Experience with **JUnit** in performing **unit testing** and determining the application functionality and Monitored the **error logs** using **Log4J** and fixed the problems.
* Experienced in Object Oriented Methodologies, design patterns and **UML** modeling using tools like **Rational Rose** and **MS Visio**.
* Extensive experience in working with various **databases** like **DB2, Oracle and SQL Server.**
* Expertise in version **control tools** like **CVS** and **IBM Rational ClearCase** to manage and control software development.
* Excellent communication, analytical and interpersonal skills and highly motivated team player with ability to work **independently**.
* Ability to **learn** and adapt **quickly** to the emerging new technologies.

**Technical Skills**

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| --- | --- |
| App Servers, Web Servers | IBM Web Sphere, WebLogic, Apache-Tomcat, JBoss, GlassFish |
| Languages | C, C++, Java, SQL, PL/SQL |
| Operating Systems | Windows XP/2000/NT/98, Unix, Linux |
| Databases | Oracle 8i/9i/10g, DB2, MS SQL server |
| Frameworks | Struts, spring, hibernate |
| Java/J2EE Technologies | Servlets, JSP, JSTL, JDBC, Web Services |
| IDEs (development Tools) | Eclipse, MyEclipse, IBM Web Sphere Studio Application Developer (WSAD), Rational Application Developer(RAD) |
| Web Technologies | Tiles, JDBC,JSF, JUnit, XSD, SOAP, HTML, XML,XSL |
| Design Methodologies | UML, RUP, Rational Rose |
| Development Methodologies | Agile, TDD, Waterfall, iterative and incremental, XP, SOA, Scrum |
| Testing | JUnit, JUnit-Perf, JMock |
| Build Tool | ANT, Maven |
| Version Control Tools | CVS, Clear Case, VSS |

**Professional Experience**

**Lawson Products, Chicago, IL April 2013 - Till date**

**Java/J2EE Developer**

**Description:**

Lawson products, a business of Lawson products Inc is an industrial distributor of maintenance and repair supplies. Pricing and order entry tool was primarily created for Lawson products website. This website provides information on industry leading products which also includes pricing and order entry tool which provides real time pricing for superior brands and products.

**Responsibilities:**

* Used **Scrum Agile** methodology that included iterative application development, weekly Sprints, stand up meetings and customer reporting backlogs.
* Involved in all the phases of (**SDLC**) Software Development Life Cycle including analysis, designing, coding, testing and deployment of the application.
* Developed Class Diagrams, Sequence Diagrams, State diagrams using **Rational Rose.**
* Used **Struts** framework to implement **MVC2** Architecture.
* Used Struts as web framework and **Spring** to develop **light weight business** component.
* Integrated Struts with Spring for **delegating** **Struts action management** to Spring framework.
* Implemented Layout management using **Struts Tiles Framework.**
* Used the **Struts validation** Framework in the presentation layer.
* Used Core Spring framework for **Dependency injection.**
* Developed user interface using JSP, JSP Tag libraries (**JSTL**),JSF, PrimeFaces and RichFaces library to simplify the complexities of the application.
* Adapted various **design patterns** like **Front Controller, Business Delegate, Service Locator, Data Access Objects, MVC**
* Used **HQL, Criteria queries** to fetch data from the database.
* Used **Spring Framework** for Dependency injection and integrated with the **Hibernate framework** for interacting with the database.
* The client-side batch framework made heavy use of **XML/XSL** transforms.
* Monitored the error logs using **Log4j**and fixed the problem.
* Used **Ant**scripts to fetch, build and deploy the application to development environment.
* Implemented Dynamic **search** facility using **AJAX/DWR -XHR** implementation.
* Used **PL/SQL** to write Stored Procedures, Triggers and SQL queries.
* Used **Eclipse Ganymede** IDE for writing code.
* Extensively used **CVS** for version controlling.

**Environment:** Spring Framework, Hibernate 3.x, Spring, XML, JSP , JSTL, JavaScript, JSF, AJAX, JUnit , Oracle 10g, Log4J, JMS, Eclipse Ganymede,Windows XP, Jdk 1.5, Web Sphere Application Server 6.0, CVS, Rational Rose

**Global Net Services Inc, Rockville, MD April 2012 – March 2013**

**Sr. Java Developer**

NINDS provides an opportunity for physicians and patients who want to learn about or participate in research studies of neurological diseases. This service will help people quickly find actively recruiting research studies for which they may be eligible. It will give physicians the opportunity to perform NINDS research in their own office and will provide the latest updates and results from research studies.

**Responsibilities:**

* Involved in requirements gathering, analysis, and Use Case development of the CRC-CME integration using UML and Rational Rose.
* Extensive use of HTML/Servlets/JSP/XML for the presentation layer along with JavaScript for the client side validations
* Used Spring MVC and Web flow for the User Interface development of the NINDS CRC website.
* Implemented Spring IoC (Dependency Injection) and Spring Aspect Oriented Programming (AOP) for the Business as well as Lookup Service Layer development.
* Involved in creating Hibernate Mapping files, as well as Domain Objects, and writing HSQL queries for developing DAO and Persistence layer using Hibernate O/R mapping tool.
* Developed and reviewed XML Schema Definition files, for the integration of the CRC-CME for various transactions namely Lunch and Learn Registration, Registration Response, Take CME Test, Post Test Results etc., for the CRC-CME Integration.
* Designed and developed several logical layers and modules including UI Delegate Layer, Data Access Layer using hibernate&spring and a Services Layer.
* Implemented Auditing of the outbound as well as inbound tractions between CRC and CME corner using Spring AOP and SQL Triggers.
* Implemented Agile Java methodology using Eclipse, Java, spring and Hibernate for the CRC development.
* Design and develop an enterprise common logging around Log4j with a centralized log support (used logger info, error and debug)
* Involved in publishing as well as consuming web services using Apache AXIS, JAXB and JWSDP
* Used JWSDP for generating Java stubs, and skeletons from the existing XSD for interacting with the CME from the CRC.
* XML Parsers like SAX, DOM and Document Builder Factory were extensively used to write Java client programs to parse the XML feeds.
* Implemented Session Façade, Command Pattern, DAO design patterns.
* Involved in writing ANT build files, for the build (Creation of JAR, WAR, and EAR) and deployment of the NINDS CRC application on to the target test as well as production servers.
* Involved in tracking the production (GEMINI) issues and fixing the issues and worked on Content Management changes.
* Extensively worked on writing JUnit test cases for testing the Business components developed in spring, and Hibernate using JUnit framework, for the Outbound and Inbound Tractions between CRC and CME, by mimicking the XML documents.
* Written UNIX shell scripts for processing flat files and log files.

**Environment:**Java, J2EE, Struts1.1, Spring, Hibernate, Servlets, JSP,JMS, JSF, JDBC, EJB 2.0, XML, SAX, JAXB, HTML, DB2, UNIX, UML, JavaScript, CVS, Rational Rose, JUnit, Rational Rose, Jmeter, ANT 1.3/1.4, Apache AXIS, SOAP, WSDL, Eclipse 3.x, Tomcat 5.x, JBoss.

**Lehman Brothers, Jersey City, NJ Feb 2011 – March 2012**

**Project: FinLend**

**Designation: Java / J2EE Developer**

FinLend is a mortgage product, which is an end-to-end enterprise credit fulfillment system for the mortgage industry. FinLend allows financial institutions to electronically configure mortgage products and related fulfillment activities. It can be used to eliminate paper and unnecessary manual activities through automation and efficient electronic management rules and data. It can also be used in decision making for the applicant based on the credit records derived from the credit bureaus. It is also helpful in streamlining the different activities of the mortgage department by the use of central reporting system. Some other features of Finlend are mortgage calculator, account management, search and sort.

**Responsibilities:**

* Involved in Analysis, Design and Development of the project.
* Designed and developed JSPs and Servlets for the presentation layer with hand coded HTML pages along with CSS layouts
* Implemented Model View Controller Architecture using Struts framework.
* Deployed Enterprise JavaBeans (EJB) using stateful and stateless beans.
* Developed Action classes, Request/Response Form Beans and Request/Response JSP pages.
* Involved in JavaScript coding for validations, and passing attributes from one screen to another. Used Validator Framework to control page layout.
* Used Hibernate for the object relational mapping and to maintain the persistence layer.
* Utilized Log4j for request / response / error logging.
* Involved in the documentation at almost every stage of the project.
* Suggested and tried to implement the practice of Extreme Programming for the development of the project.
* Assisted in the performance tuning of the product and reduced the response time of a crucial web service transaction by 30%

**Technologies used:** Java 1.5, EJB 2.0, Servlets 2.3, JSP 1.2, Struts, JDBC, XML,JQUERY ,AJAX, Hibernate 3.0 WebSphere 6.0, Tomcat 5.5.9, JDOM Parser, Eclipse, HTML, XML, XSLT, MS SQL Server 2005, JUnit, Log4j, CVS 1.1, Windows

**Sungard, Rockville, MD Dec 2009 – Jan 2011**

**Java Developer**

**Project Title: Hospitalization**

This is the project developed for a health care concern in US. This health care concern gives care for only aged between 13 & 25. They give care for mentally disabled, diverted like these sort of people in US.

**Responsibilities:**

* Developed JSP for UI and Java classes for business logic.
* Utilized **JavaScript** for client side validation.
* Utilized **Oracle PL/SQL** for database operations using JDBC API.
* **VSS** is used for Software Configuration Management.
* Involved in Design and Development phase.
* Interacted with management providing weekly status reports.
* Code walk through, bug tracking and debugging.
* Test cases preparation.
* Database querying and retrieval of data.
* Responsible for Unit Testing for the module developed.

**Environment:** Java 2.0, Servlets, EJB and Oracle, Windows NT.

**Java/J2EE Developer Nov 2008 – Nov 2009**

**Sovereign Bank, Dallas TX**

The project was developed to provide financial intelligent information to its customers in order for them to make the right decision for their investment.

**Responsibilities:**

* Used the Model View Controller (MVC) architecture to decouple the business logic and data.
* Used UML and Rational Rose suite for designing the System.
* Used the DAO Pattern and J2EE framework facilitated the integration and deployment of DAO, Servlets, JSP and XML.
* Used the Spring Framework for Customer authentication services.
* Implemented JSF applications for login, logout, locale settings, profile administration, account transactions and layout customization.
* Developed and deployed EJB2.0 bean components on JBoss application server.
* Developed a client side tool in Flex to provide users with investment statistics.
* Implemented proprietary login handler for Identity and Access management.
* Configured the deployment descriptors in Hibernate to achieve object relational mapping.
* Used SQL Server 2005 as the back end and wrote SQL queries and stored procedures.
* Implemented system-wide Email Notification for important changes.
* Implemented automatic/dynamic text filing support using Ajax/JSF components.
* Used UNIX shell scripts to automate build processes.
* Provided production support for any unexpected problems in the application
* Performed Integration, unit testing, system testing and stress testing for all the phases of project.
* Used CVS for version control and Log4j for logging.

**Environment:** JSP, Servlets, Spring MVC, EJB 2.0, JSF, Hibernate, UML, RAD, UML, XLST, XML, HTML,AJAX,JBoss,JDBC, SQL Server 2005, JavaScript, Apache Tomcat 6.0, RationalRose 2003, UNIX, JUnit, Log4J, CVS.

**Client: SoftTech Foundation, Nepal Feb 2007 – Oct 2008**

**Position:** Application Developer

Description: The project addressed financial services and products including retail banking, business, capital markets and corporate e-banking, mobile banking and web based cash management of universal banks worldwide. Front end includes web pages such as login, user profiles, user accounts, bill payment, viewing transactions.

Responsibilities:

* Gathered business requirements.
* Applied Style Sheets using CSS.
* Constructed presentation layer implementing using JSP, Struts,HTML and DHTML.
* Developed Action Forms and Action classes.
* Used Log4J utility to log error, info and debug messages.
* Worked with Session and Entity Beans.
* Involved in the JDBC queries as part of implementation.
* Used MVC Architecture.

**Environment:** Java, JSP, Servlets, Oracle 8i, JDBC, JavaScript, NetBeans, Toad.

**Education:**

Bachelor of Computer Engineering,Lalitpur,Nepal.