**Raghavender Reddy**

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**Oracle OSB, SOA/BPEL Developer**

**PROFESSIONAL SUMMARY:**

* **Eight years** of qualified professional with experience in providing design, development, implementation in providing support to software development lifecycle using **Oracle SOA, OSB, BPEL.**
* Expert in domain services like Oracle Service Bus (OSB), Service Oriented Architecture (SOA), Business Process Execution Language(BPEL) and with message oriented middleware **(JMS, IBM MQ Series, AQ)**
* Good knowledge on Development experience in SOA, Enterprise Application Integrations, **B2B** Integrations, client-server.
* Expertise in using **SOA** technology and application adapters such as **REST Adapter, File Adapter, FTP Adapter, Database Adapter, Apps Adapter, AQ Adapter, BAM Adapter, MQ Adapter and JMS Adapter** for integration and development in the process.
* Extensively used **Oracle SOA** components to provide enterprise integration solution for retail, telecom, and finance domains.
* Experience in building and deployment of several automated **Oracle SOA** applications using **ANT**.
* Good understanding of **Service Oriented Architecture** concepts.
* Built custom error handling frame works using **OSB and BPEL**.
* Expertise in deploying **Oracle SOA Suite 11g** composite using EM Console and set of command line tools.
* Good experience on Open Interfaces, **APIs** and **Oracle Reports**, Interfaces, **Conversions and Extensions** (Oracle Forms, Oracle Application Framework, Oracle Workflow).
* Good experience with **Oracle** **RDMS (**9i, 10g and 11g), Comfortable developing with **SQL**, **PL/SQL**, **Tables, Triggers**, **Stored** **procedures** etc.
* Good knowledge on integration of Legacy applications, ERP applications, J2EE applications, using SOA Suite and OSB.
* Experience in performance tuning, production support for **BPEL, ESB services**.
* Extensive development experience with **Oracle 10g and 11g** database.
* Developed **Web service** contracts on **SOAP protocol, REST services.**
* Expertise in creating **X-Query** and **XSL** Transformations in **OSB**.
* Worked in the various phases of the software development life cycle using methodologies like **Waterfall** and **Agile**.
* Effective Leadership, Presentation & Communication Skills, both written and verbal.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Programming Languages** | C, C++, Java, SQL/PLSQL, BPEL, OSB, .NET |
| **Middleware** | Oracle Fusion Middleware 10g/11g/12c (Oracle OSB, SOA Suite, Web logic) |
| **Adapters** | FTP, JMS, DB, FILE Adapter, AQ Adapter, MQ Adapter |
| **Web/Application Server** | Apache Tomcat 4, Oracle Web logic 10g/11g, IBM Web Sphere 4.0/5.x/6.0, WSAD |
| **Frameworks and Tools** | Struts, Spring, Hibernate, JSF, Clear Case, SVN,SIT |
| **Java/J2EE** | J2SE, J2EE, EJB, Servlets, JSP, JDBC, JMS, JNDI, Web Services |
| **Web** | JSP, XML, HTML, XSLT XPath, XQuery, JavaScript, CSS, DHTML Grid, Servlets, JSF, JSTL, Struts, Ajax |
| **Database Systems** | Oracle 9i/10g/11g, Microsoft SQL Server 2005/2008 |
| **Developer Tools** | Oracle JDeveloper, Eclipse, Star Team, Ant, TOAD, Oracle SQL Developer, UML, NetBeans |
| **Operating Systems** | Windows 2000 Server/Professional, Windows NT Server 4.0, Windows NT Server 4.0, Windows 95/98/ME/XP/Vista/7, Linux, Unix, Sun Solaris |
| **Project Management Tools** | Microsoft Excel, Microsoft Word, Microsoft Project, Microsoft PowerPoint |
| **Modeling Tools** | Microsoft Visio, Rational Rose (IBM) |
| **Software Development Methodologies** | RUP (Rational Unified Process), XP (Extreme Programming), Agile Development |
| **Version control** | Clear Case, Visual SourceSafe, CVS, Subversion, VSS |

**PROFESSIONAL EXPERIENCE:**

**INPRS(Indiana Public Retirement System)Indianapolis, IN September 2016- Present**

**Sr. Oracle SOA/OSB Developer**

**Responsibilities:**

* Worked on Oracle **SOA/OSB 12c** versions for development of various **SOA/OSB** web services
* Extensively worked on **XSLT, XQuery** for various web services.
* Worked on **DVM** for source to target mapping.
* Worked **on Database Adapter, File Adapter, and FTP Adapter** for various **INPRS** services.
* Developed various calculation logic using athematic and logical functions in **XSLT**.
* Extensively worked on various security policies using **OWSM** policies.
* Design unit testing scenarios for testing business case scenarios.
* Worked on various **XSD and WSDL in** INPRS services
* Worked on various activities in **BPEL** like assign, service callout, java callout, receive activities
* Developed and supported various **INPRS** services required for calculation of retirement amount and service using **XSLT**.
* Extensively worked using **REST** adapter for developing rest based services.
* Worked on payloads in **XML** and **JSON** format.
* Worked on documentation of technical design of all the services.
* Worked on different features like **XPath functions, XSLT.**
* Involved in support for various **Oracle SOA/OSB** services.
* Worked on synchronous and asynchronous services in **BPEL**.
* Worked on various complex mappings using **XSLT, XQuery.**
* Integrated many other services using service callout and java callout functionalities.
* Worked extensively on dynamic split joins in various services.
* Worked on **SLA** based tickets and defects based on priority of business.
* Created **Data Sources**, **JMS modules, Topic, Queue and Connection factories** in the **WebLogic** server.
* **Developed various services that use Dynamic split join in their service.**
* Worked extensively on error handling mechanism using
* Validated all the services using a **24 bit key** which is generated using Java Callout.
* Worked closely with **IT Directors, IT Architects, IT Leads, Senior Business Analyst**.
* Demonstrated and participated in code reviews developed by peers.

**Electronic Arts (EA), Redwood Shores Parkway, CA March 2016- September2016**

**Sr. Oracle SOA/OSB Dev Lead**

**Responsibilities:**

* Worked on development and support for various **BPEL composites and OSB services**.
* Developed various services using **Service callouts, dynamic route, publish and java callouts** in **OSB**
* Worked on design work managers and request messages using **JMS** to control **OSB** services.
* Worked on various maintenance activities for projects to **GO LIVE** and includes enhancements and low and high priority issues.
* Performed unit testing on various **SOA/OSB** interfaces which involved **smoke testing and QA testing**, and **production support**.
* Worked on various **BPEL/OSB** web services with **SOAP UI**
* Developed **orchestration services in Oracle BPEL** process manager.
* Worked on enterprise repository for mapping **XSDs and WSDL**
* Worked on various split join as interfaces as **XSD, WSDL, and Java artifacts** for the various components using Web Services.
* Worked with design and development of interfaces in **SOA/OSB** and error handling in **BPEL**.
* Implemented various synchronous and asynchronous services in **BPEL**.
* Worked on publish and subscribe models using **JMS adapter** in **SOA and OSB** services to trigger
* Services based on events.
* Worked on **DVMs** in various **SOA** services.
* Involved in **tracking and debugging the issues/bugs** while the services are tested by the testing folks.
* Worked on various activities in BPEL like **Switch Case, Decide, Email, Java Embedding, Pick, Terminate, Throw, Wait, While etc**.
* Secured the **BPEL processes** that are accessed by outside partners by setting the policies in the, oracle **OWSM** (Oracle Web Services Manager).
* **Worked on MDS repository with fault policies and fault binding files.**
* Worked on different **OSB services on HTTP, and SOA with direct and JMS** protocols in it.
* Used the transform activity in **BPEL** to map the data from the procedures result set to the tables.
* Developed **unit test cases** and test data to reproduce various business errors and system faults.
* Involved in building scripts, which perform various tasks like deploying **BPEL/Mediator** processes.
* Worked on **Domain Value Maps (DVMs), Configuring data sources and connection factories etc.**
* Created business services **for file, FTP, WS and DB adapter**
* Worked on **JMS Adapter** effectively in sending and receiving messages.
* Worked with **on Alarm branch** to manage the timeout condition
* **Developed various services that use Dynamic split join in their service.**
* Worked with **Oracle OSB** to build service proxies for virtualizing, that provided features like load balancing, fault-tolerance, dynamic transformation and dynamic routing to back-end **SOA**

**DELL, Round Rock, Texas March 2015- March 2016**

**Sr. Software Dev Consultant**

**Responsibilities:**

* Worked as a senior developer in a demanding enterprise **OSB/SOA/Web services** environment
* Worked on design for **High Availability 24x7 data center environments**
* Extensively worked on **routing, message processing, XML, XQuery, XSLT & XSD**
* Worked on initiatives to improve quality and/or productivity such as implementing automated test tools or new development methodologies within the team.
* Developed Web services using **SOAP**.
* Working extensively on **XQUERY** and **XSLT** transformations in **OSB** to provide mapping between the consumer and provider business service
* Design and development of mission-critical enterprise applications using **OSB / Web services SOA / Oracle Fusion Middleware**
* Worked on **OSB** to develop the **Proxy and Business services** which are exposed to various partners in the eco system.
* Initiated working on OSB code migration from **Oracle OSB 11g to 12c**
* Worked extensively on **JMS adapter, DB Adapter, File Adapter in OSB**
* Worked on **throttling** concept in **OSB**
* Developed the code based on detailed estimates and technical tasks.
* Performed **code** **review and prepared technical documentation**.
* Worked on development of **ESB routing rules, groups and systems** and also implemented the rules in **Rule Engine**.
* Developed various web services in **OSB** to expose the business implementation to **Web base applications.**
* Worked on different features like **XPath functions, XSLT, Human Task, OWSM policies, Correlation sets, preference variables, and Dynamic URL mappings.**
* Worked closely with Development Leads, Architects, Business Partners, Development Managers, Systems Analysts, Senior Managers and other members of the wider team to plan and deliver the **design and implementation of software components and subsystem / applications.**

**NIKE, Hillsboro, Oregon June 2014- February 2015**

**Sr. Oracle OSB/SOA Developer**

**Responsibilities:**

* Designing and developing solution using **OFM**.
* Working knowledge in **SLA based** operations support model.
* Worked on technology adapters like **DB Adapter, File Adapter, AQ adapter, FTP Adapter, and JMS**
* Worked extensively on **JMS** adapter for consuming and production of messages
* Configured Assign activity to define the copy rules and add expressions in a **BPEL** process.
* Tested web services using **SOAP UI**.
* Responsible in writing **UNIX** shell scripts for automating batch jobs
* Creating **extensive support documentation** (functional and technical level) for future reference.
* Coordinating with multiple teams while developing and outage scenarios.
* Providing knowledge transition to team members for the components implemented to production
* Work flow was constructed using **BPEL, Task Manager, ESB, Web Services and XPath**.
* Used **DVM** extensively to store the static domain data in the system.
* Used **DVM** (Domain Value Mapping) functions for lookup of fields
* Resolved application integration issues by coordinating with the external application administration teams.
* Design and Implement error handling using the Fault handling framework.
* Have a major role in creating **XPaths** all over the project.
* Worked on various activities in **BPEL** like **Switch Case, Decide, Email, Java Embedding, Pick, Terminate, Throw, Wait, While** etc.
* Used **ODI** for interacting with source and target data servers
* Created **Data Sources, JMS modules, Topic, Queue and Connection factories** in the WebLogic server.
* Validated input and output data against the schema.
* Developed various Web Services using **WSDL** and **SOAP**.

**American Association of Retired Persons (AARP), Rockville, MD** **October 2013 – June 2014**

**Sr. Oracle OSB/SOA Developer**

**Responsibilities:**

* Responsible for **analysis, design, coding and testing** of new applications.
* Enhancements to existing applications and developing in **OSB**.
* Application of **SDLC concepts** for delivering solid, robust applications.
* Solid understanding and development of **Object Oriented Programming.**
* Worked with the combination of **Oracle Service Bus (OSB), XQuery/XPath, and WebLogic.**
* Worked with Oracle Fusion Middleware for developing intelligent business applications.
* Extensively worked with **Queues**, **Multi Data Sources** and **Connection Factories**
* Design and implement a generic Error handling and reporting and business process retry mechanism using Oracle AQ and BPEL.
* Worked on routing, message processing, **XQUERY**, **XPATH**, **XSLT** transformations in **OSB**.
* Developed various web services using **WSDL** and **SOAP**
* Tested Web Services using **SOAP UI**.
* Worked on Scheduled processing in **ODI**
* Worked on Load balancing in **ODI** with external dependencies
* Used **DVM’s** for runtime parameters (Development server parameters, Production server)
* Designed and developed common error handling frame work.
* Created business services for file, **FTP**, **WS** and **DB adapter**
* Worked on **JMS adapter** for producing and consuming the messages.
* Worked on development with DBA to create JNDI’s, Data Sources, Connection Factories, configured and deployed the plans for all technology adapters.

**Kinetic Concepts Inc. (KCI), San Antonio, TX August 2012 – September 2013**

**Sr. Oracle SOA/BPEL Developer**

**Responsibilities:**

* Worked with **File Adapter, Database Adapter, JMS Adapter** and Oracle Applications Adapter for establishing connection with services in **BPEL.**
* Built **BPEL** processes that subscribe to various **EBS events** and participate in database and JMS transactions.
* Developed resubmission mechanism to resubmit the failed instances using **BPEL and OSB**.
* Provided debugging and production support for different interfaces.
* Smoke testing for all the **SOA** production defects **error handling** was also done for handling the faults in **BPEL** processes.
* Extensively worked with Oracle Fusion Middleware to create and run agile process.
* Implemented best practices such as error handling and file archiving.
* Working extensively on **XQUERY and XSLT transformations in OSB** to provide mapping between the consumer and provider business service.
* Performed unit testing and involved in integration testing and **QA** **Testing and production** support of various services developed as **BPEL** modules and exposed as Web services
* Built **Flow activities** to allow parallel flow in a **BPEL** process service component and to provide concurrency and synchronization in the process.
* Implemented Security using Basic Authentication for all the services by attaching **OWSM policy** in both BPEL and **EM console**.
* Developed order flows for order integration using **OSB proxy services**, business services, SOA composite (BPEL, Mediator).
* Worked on creating user defined functions in java to use them as **external jar files** in BPEL.
* **Ant** scripts and **configuration** **plans** were used to **move** the code between the various development, test and production e**nvironments** as part of the development life cycle.
* Developed Orchestration services using **Oracle BPEL process manager**
* Created utilities for deploying the **OSB and BPEL** services that could be used over all applications
* Configured Oracle **AS adapter** for Database information to load into the BPEL process
* Supported the test environments like Integration testing, User Acceptance test and Load testing.

**PHH Corporation, NJ March 2011 – August 2012 Oracle SOA/BPEL/OSB Developer**

**Responsibilities:**

* Developed service modules using **Oracle** **SOA** **Suite** 10.1.3.1/10.1.3.3/11.1.2.1.
* Project work included **design**, development, testing and deployment of **BPEL** **Process** and **Mediator** Services, **Business** **Rules** and **Human** **task**
* Debugging **BPEL** in EM console.
* Worked on **OSB** to build Proxy and Business services.
* Involved in moving the application from test environment to production environment**.**
* XQUERY and XSLT transformations in **OSB** to provide mapping between the consumer and provider business service.
* Worked extensively on **Fault and Error** handling capabilities (Catch and Catch All).
* Used third party services like **XAI** services.
* Used **JMS, Database, File and SOAP** adapters for **Oracle ESB**. Setup and configured them as well
* Extensively worked on **DB Adapter and FTP Adapter**
* Used **JMS** Adapter effectively in sending and receiving messages.
* Used **Flow N activity** to invoke different independent services in parallel.
* Handled Images data which are in Base 64 binary format from database in the application.
* Developed order and item service flows to integrate .Net systems and external third party systems using BPEL, Mediator and **OSB**.
* Used **BPM Work list** application for human intervention and to notify business users as per the requirement.
* Developed **Functions & Procedures** for Extracting data from different tables using **Joins** and inserted them into a Table.
* Experience in a major role in creating **XPATH.**
* Experience in using **Subversion, CVS and Clear Case** version control systems.
* Used **XSLT** mapping tool for creating mapping between source and target systems.
* Used **XSLT** for transforming common **XML format** into **internal XML** format.

**IDBI, Hyderabad, India May 2009 – September 2010**

**JAVA/J2EE Developer**

**Responsibilities:**

* Developed a report for the Web using **Java Server Pages**.
* Developed Report managers for each branch can view this report from any location.
* Developed report customization using **JSP**.
* Worked extensively on **servlets** for business logic.
* Involved in estimating the tools required for **analysis and design.**
* Developed different test cases and created many view pages using **Java**.
* Used Java Message Service **(JMS), MDBs** for reliable and asynchronous exchange of important information.
* Developed **reports** based on the business requirements
* Developed user procedures and prepared user manuals for the new programs
* Debugging BPEL in EM console.

**QUALIFICATION:**

**B.TECH (Bachelors), JNTU, HYDERABAD COMPUTER SCIENCE**