SASYA MANDAVA

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**PROFESSIONAL SUMMARY**

* Over 12+ years of experience as an Oracle Developer in Oracle E-Business Suite and Fusion middleware technology including Oracle BPEL process design, Configurator models design, development and testing.
* Extensive experience in **Oracle E-Business Suite** Applications including **Oracle Configurator / Order management / Bill of Materials (BOM)/Oracle Agile PLM** with exposure to other related modules.
* Project experience includes designing, coding and implementing custom add-on solutions using JAVA and PL/SQL for various SCM modules (OM/BOM/Oracle Configurator).
* Good experience in building analytical reports through **Oracle Transactional Business Intelligence (OTBI)** within Oracle.
* Extensive work experience in Oracle **Fusion Middleware 11g,** including **Oracle SOA suite, web services, Oracle BPEL process Manager, BAM.**
* Expertise with **BPEL** process Orchestration and Enterprise Service Bus **(ESB)/ Mediator** for **integrating ERP** applications, Databases, legacy applications, Flat Files and Portals.
* Expertise in application development using **XML, Web Services, WSDL, SOAP.**
* Good knowledge in **XML** related technologies such as **DTD, XSD, XSL, XSLT and Xpath** and experience in **UDDI, HTML**
* Hands on experience in design, development, testing and documentation of business processes using Oracle SOA Suite 11g and10g (BPEL, ESB, Mediator, BAM).
* Good Knowledge on **Business-to-Business Integration(B2B), Oracle Service Bus (OSB) and AIA.**
* Experience in Installing and Configuring **BPEL** on **Oracle Application Server.**
* Knowledge in configuring and tuning of Oracle SOA Suite application server, managed servers, Oracle WebLogic server based on the client requirement and project specifications.
* Good Knowledge in designing and executing Test plans, Test Scenarios, Test Procedures, Test Cases and Test Scripts.
* Worked on testing of upgrade & conversion/**migration of composites from SOA 10g to 11g**
* Excellent understanding in implementing **Service Oriented Architecture (SOA** architecture) using Oracle Fusion Middleware 11g.
* Strong knowledge on **PL/SQL packages**, **functions, stored procedures, triggers, views, DB objects** along with executing complex SQL queries in versions 9i, 10g and 11g.
* Extensive experience in Oracle Reports, Oracle Configurator Extensions, Interfaces, Conversions, Oracle Workflow, Oracle Forms, Oracle RDBMS.
* Good experience in using source control tools such as SVN
* Involved in archiving the completed **BPEL** processes, Removal of all successfully processed XML messages and Deletion of stale instances.
* Effective verbal and written communication skills along with presentation and organizational skills, excellent analytical and problem-solving skills.
* Ability to easily adapt to learn any newer technology or software and willingness to **work under pressure** and deliver stiff targets with **time management and leadership** skills.
* Experience in writing Request for Proposals, Architecture and High-level design documents and training.

**CERTIFICATION:**

* Oracle Database SQL Certified Associate

**EDUCATIONAL QUALIFICATION:**

* Master of Science (MS-Computer Engineering), University of Houston- Clearlake, Texas, USA
* Bachelor of Technology (B. Tech), Jawaharlal Nehru Technological University Kakinada, India

**TECHNICAL SKILLS:**

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| Oracle Fusion Middleware | SOA Suite 10g &11g –BPEL, Médiator, ESB, Business Rules, HumanWorkflow, Adapters – E-business Suite Adapter, DB Adapter, JMS Adapter, File Adapter, FTP Adapter, Oracle JDeveloper, Oracle Service Bus, Oracle B2B, Business Activity Monitoring |
| ERP | Oracle E-Business Suite (EBS), Oracle Order Management, Oracle Configurator, Oracle Forms, Oracle Reports, Oracle Agile PLM, OTBI |
| Application Servers & Web Servers | WebLogic Server 10.1.x, Oracle Application Server 10g, |
| ProgrammingLanguages | SQL, PL/SQL, C |
| XML &Web services | XML, XSL, XSLT, Xpath, DTD, XSD, SOAPUI, WSDL, UDDI, HTML |
| Operating System | Windows 10, Windows XP, Unix |
| Database | Oracle 10g, Oracle 11g, Oracle 12C |
| Development Tools | Oracle JDeveloper, Oracle SOA Suite, Apache NetBeans 11.2 |

**PROFESSIONAL EXPERIENCE:**

**Client: Pella Corporation** **Pella, IA**

**Role: Sr Technical Analyst – Configurator/Order Entry Systems** **Sept 15- Present**

**Responsibilities:**

* Designed and built complex **Oracle Configurator models** for Architect Series Windows & doors.
* Developed **Configurator extensions code** to handle the balance logic, grille/hardware locations for window accessories using NetBeans.
* Designed and developed **OTBI reports** for **Order management** to display the order status.
* Developing concurrent program for Order Import interface, to load all the legacy orders in booked status to Oracle.
* Created **PL/SQL packages** for validations and extracting model and orders data from ERP systems.
* Developed PL /SQL code for getting manufacturing data per business needs.
* Created various **PL/SQL queries** to implement business rules through triggers, procedures, functions, and packages for the application.
* Created complex **SQL queries** for data retrieval on models and orders status.
* Gathering business requirements, design, **develop Oracle Transactional Business Intelligence (OTBI)** reports for **Oracle SCM.**
* Developed **OTBI Reports** like Daily Reports, weekly status reports, monthly and periodical reports.
* Created **Schedules** to send OTBI reports through email delivery.
* Involved in the creation of Model items, Option Class items and standard items and their corresponding BOMs in the Master Organization in **Oracle BOM** and create CO’s and update rules in **Agile PLM**.
* Involving in the creation of **User Interfaces** with static as well as multi-level dynamic tree structures.
* Created **SQL query scripts** for the new Pella Stores setups and shipping information updates to existing stores using Microsoft SQL Server Management Studio.
* Update **backend database tables** for production orders to process after bug fixes.
* Managed the integration of Configurator with Order Management, Advanced Pricing and Quoting.
* Designed configuration solutions using **Oracle Configurator Constraint Definition Language (CDL)** for complex rules expressions.
* Responsible for fixing defects logged by the Validators in the Issue log.
* Working on Production Support team to handle technical requests and resolve production issues.

**Environment:** Oracle Applications R 12.1.3 (Inventory, Bills of Material, Configurator, Order Management, Advanced Pricing) Oracle Database 11g, SOAPUI, OTBI Oracle Agile PLM, Apache NetBeans 11.2, Benthic, Putty, Oracle SQL Developer.

**Client: Cerebra Consulting Inc. Bensalem, PA**

**Role: Oracle Developer** **Mar 15 – Aug 15**

**Responsibilities:**

* Developed comprehensive model development documentation for each phase of the Configurator model development process
* Involved in design and **development of BPEL processes**
* Configured **Oracle File Adapter and JMS Adapter** for data load process.
* Configured File Adapters to process the xml files from outside companies and the data from xml files is used to perform the transaction in ERP by making web service calls.
* Created **Repository Creation Utility** for Oracle 11g Database.
* Configured **Proxy services** and Business Services in **Oracle Service Bus**
* Used **Flowactivity** to provide concurrency and synchronization in a BPEL process service component
* Built **BPEL** processes that **subscribe** to various **EBSevents** around **order** processing functionality and participate in **database** and **JMS** transactions.
* Extensively created **XSDs, XSL Transformations** while developing the **BPEL** project.
* Used database **MDS** repository to store common **artifacts** between composites like **DVM**, **XSD**, **Fault policy** and **Fault Binding** files.
* Used Ant scripts to deploy artifacts into MDS repository.
* Created **PL/SQL Procedures** for validations and extracting data from ERP systems.
* Created various **PL/SQL queries** to implement business rules.
* Developed BPEL processes that contain exception handling to capture the Remote and Binding faults.
* Worked extensively with the **testing team** to test different modules that have been developed.

**Environment**: Oracle SOA suite 11g, Oracle WebLogic server 10.1.3, Oracle EM Console Oracle Database 11g, Oracle EBS suite, Technology Adapters (File Adapter and JMS Adapter), OracleJDeveloper 11g, Oracle Service Bus, SOAPUI.

**Client: TIAA-CREF Charlotte, NC**

**Role: Oracle SOA Consultant** **Mar 12 – Feb 15**

**Responsibilities:**

**SOA Developer:**

* Designed, Developed, Deployed and maintained various BPEL Long Running and Short Running processes.
* Developed Orchestration services using **Oracle BPEL process manager.**
* Used **Flow Nactivity** to achieve parallel processing of bulk transactions in a BPEL process service component.
* Defined **correlation sets** in asynchronous BPEL process to correlate the response for the right request.
* Used pick activity (on Message branch) to determine which process would occur first among various events.
* Involved in **migration of composites** from SOA suite 10g to 11g.
* Created **Repository Creation Utility** for Oracle 11g Database.
* Used **Java Embedding** activity to incorporate Java code in a BPEL Process.
* Implemented XML, Xpath, and XSLTs to get the data and transform as per the requirements.
* Configured Proxy services and Business Services
* Designed **BAM dashboards** for process monitoring: through put, response times, process states, performance figures.
* Sent data to **Oracle Business Activity Monitoring (BAM) reports** for activity monitoring.
* Developed Reports like Daily Reports, weekly status reports, monthly and periodical reports.
* Developed a common **Email Process in BPEL** using notification service to send the email to concerned person in case of any failure or exception occurs in the flow.
* Created BPEL Processes using different **BPEL process activities** like Assign, Switch, Scope, While and receive activities.
* Performed migrations on BPEL servers and performed unit testing.
* Created technical design documents.

**SOA Administration:**

* Involved in creating **WebLogic server, and SOA Suite.**
* Created **Domains for Admin Server and managed servers** on WebLogic.
* Coordinated with the team in new environment creation.
* Set up **Node Manager** for starting and stopping of WebLogic server instances.

**Environment:** Oracle SOA suite 11g, Oracle WebLogic server 10.1.3, Oracle EM Console Oracle Database 11g, Oracle EBS suite, Technology Adapters (File Adapter and JMS Adapter), Oracle Jdeveloper 11g, Oracle Jdeveloper 10g, Oracle BPEL console 10g, Oracle Business Activity Monitoring (BAM), SOAPUI, AltovoXMLSPY, Cygwin