**PAVANI P R**

**SOA Consultant**

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**SUMMARY:**

* 3.1 years of IT experience this includes design and development of various applications in Service Oriented Architecture, Web Servers and relational database technologies.
* Worked on **SOA 11g & SOA 10g** Orchestration and **Integration Technologies (AIA)** in the areas of **Web Services, BPEL, Mediator, WSDL, SOAP, XML, XSD and OWSM.**
* Expertise in Business process integration, Service Orchestration and routing using **Oracle SOA Suite Fusion Middleware products (BPEL, Mediator, ESB and Web Services).**
* Extensive knowledge on Oracle Fusion Middleware products like **BPEL PM, SOA Suite, Mediator, ESB and JDeveloper.**
* Very good experience in **XML, XSD, XPath, XSLT and XQuery.**
* More practices on **BPEL, Mediator, ESB and OWSM.**
* Have worked on Orchestrated End-to-End BPEL process using various design patterns.
* Implemented Oracle **ESB** and integrated with **BPEL.**
* Implemented best practice on Error Handling in **Oracle Mediator.**
* Worked with **Business Rules** and **Human Workflow.**
* Worked with **Business Events** and **Event Driven Network (EDN)** in **Mediator.**
* Have worked on **Oracle File adapter, database adapter, JMS adapter** for **BPEL** set up and configure them as well.
* Develop BPEL process that contains exception handling to capture the **Remote faults** and **Binding faults.**
* Design and develop error handling using **Error Handling Framework.**
* Created **business service** and **proxy service** in **OSB.**
* Worked with **MFL** transformation in **OSB.**
* Worked on **Slit-Join** method in **OSB.**
* Develop **BPEL** and **Web Services** with **WSDL, SOAP** and **XML** technologies.
* Technically good in **SQL, PL/SQL, BPEL, ESB, Mediator, XML, XSD, WSDL, XSLT, XQuery** and **OSB.**
* Expertise working on different Web/application Servers like **Oracle app server** and **Web Logic Server.**

**EDUCATION:**

* B.Tech from Yogi Vemana University.

**PROFESSIONAL EXPERIENCE:**

* Working as consultant for **IBM**, Mumbai from Jun’14 to till date.
* Worked as associate consultant for **TCS**, Bangalore from Jun’13 to May’14.

**TECHNICAL SKILLS:**

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| --- | --- |
| Integration Technologies | OFMW BPEL, Mediator, Business Rules. |
| Integration Framework | Oracle AIA |
| Web Technologies | XML, XSD, XSL, HTML. |
| Languages | C, JAVA |
| IDE & Editors | JDeveloper, Edit Plus, Net Beans, SOAP UI. |
| Web/Application Servers | Web Logic 10.3, Tomcat 5.0 |
| Tools/Adapters | SQL\*PLUS, JDeveloper (11g&12c), File adapter, FTP adapter, Database adapter, JMS adapter. |
| Operating System | Windows 2000, 2003, XP. |
| Middleware products | Oracle SOA Suite 11g & 12c (Oracle ESB, BPEL, BPM, Mediator). |
| Database | Oracle 11g, MS-SQL Server 2000, 2005. |

**PROJECT PROFILE:**

**Project #4:**

**Client : Automated Auto-Loan Application, US**

**Role : Oracle SOA(BPEL)/OSB developer**

**Duration : Jul’13 to till date.**

**Environment : Oracle SOA Suite 11g, Oracle OSB, JDeveloper, BPEL, Mediator,**

**Business Rules, Human Workflow, BAM, OWSM and Web Logic Server 10.3.**

**Description:**

USAA means United Services Automobile Association and its Insurance, Banking, investments and other companies, which was started in 1922 by 25 Army officers to insure each other vehicles. Investment products and services provided by USAA Investment Management Company and financial advice provided by USAA Financial Advisors Inc., this organization is now serving 6 million members and become the only fully integrated financial services company in America.

This Automated Auto-Loan Application is mainly used to automate the Loan process by the Banking and Finance organization to process the online applications. First applicants need to fill the application form and submit it to the organization in online. Then the process will do some enquiries/validations on that applicant’s information.

The module deals with the process request, which receives from the client/customer from the JSP or a Portal application form, which was filled by the applicant. Then process invokes some web-services and different other sub–processes like “Check Existing Customer of USAA or a New Customer”, and goes for the “type of vehicle” the customer is willing to get, then goes for “Loan Eligibility criteria” and ”Check Credit Rating”, and “Company Policy Norms”. Within these Sub-processes it will invoke some web services for checking the eligibility of applicant. “Check Credit Rating” is to check the applicant’s credit rating, income and profits etc. Here in this process a “Human Interaction” is needed in the process called “Human-Task” which is used for checking the Customer Assets of the Applicant manually. The Company Policy Norms will decide that the applicant will come under which category based on income levels of the policies and rules and the type of customer. All the details of the customer are maintained in the Database. Finally the Banking Company issues approval to the applicant if every enquiry is valid.

**Roles and Responsibilities:**

* Design, develop and deploy Business process Orchestrated in BPEL and Mediator using JDeveloper and Oracle SOA Suite 11g.
* Involved primarily in develop BPEL process.
* Developed OSB proxy service and business service.
* Analyze the requirements and subsequently development of the integration module.
* Integration and development of Oracle Mediator module.
* Have worked on Oracle File adapter, FTP adapter, Database adapter and JMS adapter for Oracle Mediator. Set up and Configured them as well.
* Design and development business process using BPEL PM and JDeveloper.
* Implemented Oracle Mediator and integrate with BPEL.
* Involved in design and development of BPEL process that contains Human work Flow.
* Created business events and worked with Event Delivery Network in Mediator.
* Development BPEL process that contains exception handling to capture remote faults and binding faults.
* Worked with fault policies to handle technical faults.
* Using JDeveloper as developing environment.
* Created JNDI’s for Database adapter and JMS adapter.
* Worked with File and FTP adapters.
* Worked with Error Handling Framework to handle faults.
* Deployed BPEL process using ANT scripts.

**Project #3:**

**Project Name : AT & T Portal.**

**Client : AT & T, US**

**Role : Oracle SOA (BPEL)/OSB developer.**

**Duration : Jun’12 to Jun’13**

**Environment : Oracle SOA 11g, JDeveloper, BPEL, Mediator,**

**Business Rules, Human Workflow, OWSM, OSB and Web Logic Server.**

**Description:**

                     AT&T web portal is embarking on an ambitious endeavor to integrate its Core Telecom Systems. Integration with TABS (Telecom Application Billing System) and VOW systems. Integration with different systems using BPEL and ESB. AT&T web portal is a web based applications that allow customers to login into application and can do transactions related to his package.

**Roles and Responsibilities:**

* Design, develop and deploy Business process Orchestrated in BPEL and Mediator using JDeveloper and Oracle SOA Suite 11g.
* Involved primarily in develop BPEL process.
* Developed OSB proxy service and business service.
* Analyze the requirements and subsequently development of the integration module.
* Integration and development of Oracle Mediator module.
* Have worked on Oracle File adapter, FTP adapter, Database adapter and JMS adapter for Oracle Mediator. Set up and Configured them as well.
* Design and development business process using BPEL PM and JDeveloper.
* Implemented Oracle Mediator and integrate with BPEL.
* Involved in design and development of BPEL process that contains Human work Flow.
* Created business events and worked with Event Delivery Network in Mediator.
* Development BPEL process that contains exception handling to capture remote faults and binding faults.
* Worked with fault policies to handle technical faults.
* Using JDeveloper as developing environment.
* Created JNDI’s for Database adapter and JMS adapter.
* Worked with File and FTP adapters.
* Worked with Error Handling Framework to handle faults.
* Deployed BPEL process using ANT scripts.

**Project #2:**

**Project Name : Bharath Sanchar Nigam Limited FMW implementation**

**Client : BSNL.**

**Role : Oracle SOA Developer (BPEL)**

**Duration : May’11 to May’12**

**Environment : Oracle SOA 10g, JDeveloper, BPEL, Oracle ESB,**

**Business Rules, Human Workflow, OWSM, OSB and Web Logic Server.**

**Description:**

Bharat Sanchar Nigam Limited (BSNL) is having countrywide presence with over 55 million wire line & wireless telephone subscribers and offer hosts of other services like Data communication, National long distance, International Long Distance, Internet, Leased Line, etc.TCS is implementing next generation State-of-Art Call Detail Record (CDR) based Customer Care and Convergent Billing System. Convergent Billing will be based on Call Detail Records (CDRs) to be obtained from different type of Network elements capable of generating billable information, using Centralized Mediation System. Oracle FMW (Fusion Middleware) will be used as Enterprise Application Integration (EAI) product to automate business processes for service management, assurance and fulfillment across the various BSS/OSS applications.

**Roles and Responsibilities:**

* Design, develop and deploy Business process Orchestrated in BPEL and Mediator using JDeveloper and Oracle SOA Suite 11g.
* Involved primarily in develop BPEL process.
* Developed OSB proxy service and business service.
* Analyze the requirements and subsequently development of the integration module.
* Integration and development of Oracle Mediator module.
* Have worked on Oracle File adapter, FTP adapter, Database adapter and JMS adapter for Oracle Mediator. Set up and Configured them as well.
* Design and development business process using BPEL PM and JDeveloper.
* Implemented Oracle Mediator and integrate with BPEL.
* Involved in design and development of BPEL process that contains Human work Flow.
* Created business events and worked with Event Delivery Network in Mediator.
* Development BPEL process that contains exception handling to capture remote faults and binding faults.
* Worked with fault policies to handle technical faults.
* Using JDeveloper as developing environment.
* Created JNDI’s for Database adapter and JMS adapter.
* Worked with File and FTP adapters.
* Worked with Error Handling Framework to handle faults.
* Deployed BPEL process using ANT scripts.

**Project #1:**

**Project Name : Payment Integration**

**Client : Activision Blizard, US**

**Role : Oracle SOA Developer (BPEL)**

**Duration : Apr’10 to Apr’11**

**Environment : Oracle SOA 10g, JDeveloper, BPEL, ESB, Business Rules,**

**Human Workflow, OWSM and Oracle application Server.**

**Desription:**

Salesforce tracks contract deals on Deal Sheets and fully executed deals need to have a Purchase Order created in Oracle R12. An approved Purchase Order will have line items received against it for the second part of 3-way matching. Salesforce records the receipts, which will be received in Oracle R12 through the interface. When the Invoice is entered in R12, it will be scheduled for Payment in R12. Once the Payment has been completed, the interface will need to update the Payment information in Salesforce against the Deal Sheet. This will ensure that both systems are in sync.  
The Contractors /Suppliers will be kept in sync after the initial load in R12 and an interface will be created for this functionality.

**Roles and Responsibilities:**

* Design, develop and deploy Business process Orchestrated in BPEL and Mediator using JDeveloper and Oracle SOA Suite 11g.
* Involved primarily in develop BPEL process.
* Developed OSB proxy service and business service.
* Analyze the requirements and subsequently development of the integration module.
* Integration and development of Oracle Mediator module.
* Have worked on Oracle File adapter, FTP adapter, Database adapter and JMS adapter for Oracle Mediator. Set up and Configured them as well.
* Design and development business process using BPEL PM and JDeveloper.
* Implemented Oracle Mediator and integrate with BPEL.
* Involved in design and development of BPEL process that contains Human work Flow.
* Created business events and worked with Event Delivery Network in Mediator.
* Development BPEL process that contains exception handling to capture remote faults and binding faults.
* Worked with fault policies to handle technical faults.
* Using JDeveloper as developing environment.
* Created JNDI’s for Database adapter and JMS adapter.
* Worked with File and FTP adapters.
* Worked with Error Handling Framework to handle faults.
* Deployed BPEL process using ANT scripts.