**Venkata Uma Macherla**

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Summary

* Over 8+ years of IT experience as **Oracle Applications e-Business Suite Consultant** in financials and **Supply Chain Management** (**SCM**).
* **Experience in design, development, customizing and implementation of Oracle Applications R12 and 11i versions.**
* Extensive experience in **AOL** (**Application Object Library**) and **Oracle Application Framework** (OAF) within depth knowledge of their integration.
* Expertise in **RICE** (Reports, Interfaces, Conversions, Extensions) Components.
* Proficient in Various Oracle tools like **Reports Builder 6i/9i/10g, Forms Builder 6i/9i/10g, Discoverer 4i/10g, XML Publisher, Workflow Builder2.6 and others.**
* Implementation and techno functional expertise **in iReceivables, Accounts Payables, Purchasing, Inventory, General Ledger, Order Management Cash Management, Shipping and Advance Pricing.**
* Develop data model and design and develop front end **OAF** screen to capture compliance data.
* Develop APIs to be used by Order Management and Planning team to access the compliance Rules.
* Extensive working experience customizing, supporting and extending functionality of various Self Service modules like, **iProcurement, iSupplier, iExpense and Sourcing.**
* Complete process knowledge on **Order to Cash, Record to Report** and **Procure to Pay** cycles.
* Good working knowledge on various **APIs** to load and manipulate the data accurately.
* Extensively worked on **Data Conversion, Migrations and Interface Programs** (Outbound/Inbound).
* Worked with **System Administrator and AOL modules** for creating Concurrent Programs, Value sets, custom Menus and Responsibilities, Defining Descriptive Flex fields, Lookups and Custom Profile Options as per the requirements.
* Proficient on developing new and customizing existing workflows using Workflow builder and registered/uploaded them using WFLOAD.
* Excellent knowledge of **Multi-Org and Multi-Currency** implementation solutions.
* Worked on **oracle XML Publisher** for generation of various custom reports and registered them.
* Strong abilities in **authoring AIM documentation** including Business Requirements (BR100), Conversion/mapping Documents **(CV40),** Functional Specs **(MD50)** and Technical Specs **(MD70).**
* Heavily utilized **FND\_LOAD utility** to migrate **foundation/AOL objects like Concurrent Programs, Value sets, profiles, DFF, menus, responsibilities and others.**
* Extensive experience in X Windows, **UNIX** shell scripts, **PERL** including a strong understanding of network programming and system programming in various **UNIX** flavors and Windows.
* Strong knowledge in forms **Personalization and Customization** using **CUSTOM.PLL.**
* Worked extensively with development team members in resolving issues by creating Oracle SRs and obtaining one of the solutions using Oracle Support/METALINK
* Experienced in various stages of **Project implementation**. Involved in the complete **SDLC** and testing life cycle. Involved in **Unit Testing, UAT, Performance Testing, Regression Testing and CRPs.** Experienced in Production Support.
* Expertise in writing **triggers, packages, procedures and functions in PL/SQL for data validations and loading.**
* Excellent communication, organizational and interpersonal skills with an ability to work individually or as a team player.
* Excellent learning skills to adapt the rapid changing technologies and implementing the same at work.

TECHNICAL SKILLS

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| --- | --- |
| **Platforms** | **Unix, Linux, AIX, SUN Solaris, Windows 2000/XP/7** |
| **ERP** | **OracleApplicationsR12(12.2.5,12.1.3,12.0.6) /11i(11.0.3/11.5.9/11.5.10.2)** |
| **Databases** | **Oracle 11g/10g/ 9i/8i, SQL Server** |
| **Oracle Applications** | **AOL, General Ledger, Accounts Payables, Payments, Cash Management, Fixed Assets, EB-Tax, Purchasing, Accounts Receivables, Inventory, Order Management, User Management, Service Contracts, Shipping, Advanced Pricing, iExpense, iProcurement, iSupplier, Sourcing, AOL, Sub-ledger Accounting, etc.,** |
| **Oracle Tools** | **Forms Builder 6i/9i/10g, Reports Builder 6i/9i/10g, Discover 4i/10g, XML Publisher 5.6, Workflow 2.5/2.6.** |
| **Other Tools** | **Web ADI, Data Loader, More4Apps, Reports Manager** |
| **Utilities** | **SQL\*LOADER,FND\_LOAD,UTL\_FILE,EXPORT/IMPORT** |
| **Documentation** | **Application Implementation Methodology (AIM) (MD050, MD070, CV40) & Others. Oracle Unified Methodology (OUM)** |
| **Languages** | **C, C++,Unix Shell Scripting, SQL, PL/SQL, Perl, JAVA** |
| **Office Tools** | **MS-Office, MS Projects, Outlook, Word and EXCEL** |
| **Development Tools** | **TOAD, SQL DEVELOPER, PL/SQL DEVELOPER, SQL\*PLUS** |

**Professional Experience:**

**Client: ADS, Hilliard OH Mar ’17 - till now**

**Role: Sr. Oracle APPS Developer**

**Responsibilities:**

Responsible for developing new reports, interfaces, workflows and forms in various application modules including **GL**, **AP**, **AR**, **FA**, **OM**, **INV** and **PO**.

* Involved in designing and developing Oracle forms and Reports.
* Designing and building reports using Oracle Report Designer.
* Generated DDL Queries for creation of new database objects like tables, views, sequences, functions, synonyms, indexes, triggers, packages, stored procedures, roles and granting privileges using **SQL DEVELOPER**.
* Design, Develop, implementation and Deployment of SelfService Web Applications using **Oracle Applications Framework (OAF)** following Oracle BLAF Standards, recommended development standards containing search, create, update pages.
* Custom Self Service Web Applications includes following tasks
* Installation and Configurations of JDeveloper **OA** Extensions patch (R12.1.1)
* Created several **SQL queries**, **procedures**, **functions**, **packages and several database objects.**
* Using views for designing and building reports.
* Validated the data and populated the Payables interface table through a **Concurrent program** which in turn submits a standard Payables Interface program.
* Developed Payables Open Interface Import Program to load invoices from multiple sources like legacy invoices into AP in a periodic basis and designed a report using **XML/BI Publisher**.
* Extensively involved in SQL tuning, **troubleshooting**, **debugging** and **fixing the code** and made the changes according to the new business requirements.
* Actively involved in all phases of the Software Testing like Analyzing System Requirements, Test Strategy, Test Planning, Test Case Design and System Testing.
* Worked on modules (Order Management, Inventory, Purchasing, BOM, WIP, AR and AP)
* System Administration (Registering concurrent requests set, concurrent requests, value sets, profiles, **DFF**, **KFF**, **Lookups**, **user creation**, **assigning responsibilities**)
* Knowledge of Technical (Tables and their relationship) as well functional flow of Inventory and Order Management modules, Order management and AR module
* Oracle Report **development** & **customization**
* Performance tuning (Oracle Reports, PL/SQL Packages)
* Worked on **XML** Publisher (Data definition, Templates)
* Gathering Business Requirements and setting up Business Processes within the modules (AP, AR, PO, GL, INV). Developed **Technical MD70** specification using **Functional MD50** document for application customizations and enhancements.
* Experience in Oracle and other utilities such as **TOAD**, and **SQL\*Loader**.
* Customized standard Oracle reports like Suppliers Report, Account Status Report, Account Analysis Report and Backorder Summary Report as per the business requirements.
* Provided support and fixed Bugs after Implementation..
* Developed PL/SQL package to insert customer information using TCA API. Implemented Auto Lock Box process.
* Involved in developing Integration Test Scripts and Documenting End-User Training Materials for project-Accounting and **Fixed Assets** and Performing Integration Test.

**Environment: Oracle Applications R12 Support Phase (AP, AR, GL, OM, INV, PO, FA), Oracle Application Framework (OAF) PL/SQL, SQL\*Plus, Developer 4i, TOAD, SQL\*Loader, XML Publisher.**

**Client: Omnitracs, Irving TX**  **Sept ’15 - Feb ‘17**

**Role: Oracle EBS Developer**

This Project was on upgrading the system from **12.0.6 to 12.2.5**. During the tenure developed and customized various reports using reports builder, **XML** publisher and **OBIEE**. Customized forms and workflows as per the business requirements and extensively involved in Production support.

**Responsibilities:**

* Actively participate in the design, development and maintenance of interfaces to and from the **Oracle E-business Applications.**
* Authored AIM documentation as of when required, including **Technical and Functional Specs**.
* Work closely with the Business Analysts and Functional Consultants to gather requirements for reports, interfaces, extensions and conversions for E-business applications.
* Gathering Business Requirements and setting up Business Processes within the modules (AP, AR, PO, GL, INV). Developed **Technical MD70** specification using **Functional MD50** document for application customizations and enhancements.
* Involved in the upgrade of the system from **12.0.6 to 12.2.5**
* Performed technical analysis of as various **patches** required for the upgrade. Worked on upgrading various customizations as per the changes in the new release. Also involved in **post upgrade support.**
* Involved in downloading various types of data like **Concurrent Programs, Value Sets, Request Sets, and Menus** etc. from Development instance and then uploading them into Production instance using **FNDLOAD.**
* Created **Staging tables to load legacy data,** generated Control files and SQL**\*Loader** scripts and registered them as concurrent program for data loading into the staging tables.
* Created **PLSQL procedures for validating** the data in the staging table before loading into interface tables. Incorporated multiple business specific validations in the PLSQL packages.
* Developed and customized existing forms and reports using Oracle Developer tools.
* Wrote Procedures, Triggers and Functions as per the business requirements, designing the integration process and registered them as Concurrent Programs.
* iReceivables (OAF Personalization and OAF Extensions)
* Technical consultant for Self Service Web Applications (SSWA), iReceivable Personalization’s and Extensions.
* Design, Develop, implementation and Deployment of SelfService Web Applications using **Oracle Applications Framework(OAF**) Personalization and Extensions to PROD.
* Worked on **workflow customizations like PO Requisition Approval** to customize approval list based on categories (facilities, fleet, and finance); **PO Create Document** to auto create PO for catalog items after approval of requisition and also customized ‘Create and Approve Purchase Order or Release’ process to prevent non catalog items from PO Auto creation process. **Account Generator** to generate charge account in iProcurement & Purchasing based on the mapping process.
* As a part of the support team, involved in supporting the Production instance of Oracle Application System, which also included troubleshooting functional and technical issues and providing solutions.
* Customized **XML Publisher/BI Publisher** reports like Printed Purchase Order report, Invoices report, **Check Printing**, Sales Order Acknowledgement and **Bill of Lading and Packing Slip Reports**.
* Designed and developed **Order Import Program and Price List Import using Price List APIs, Purchase Order Import and Vendor Import.**
* Experience in supporting the production system and handling day-to-day issues.
* Responsible for writing data conversion routines **(APIs, Open Interfaces**) to load data information from legacy system to Oracle Apps.
* Developed **UNIX scripts** for formatting data received from the billing system for it to be mapped and interfaced into AR.
* Worked with Oracle support using the **Service Request** Process (creating SRs) to get resolutions on the bugs encountered in Oracle Applications system.

**Environment: Oracle Applications R12.2.5 (AP, AR, GL, OM, INV, PO, iProcurement, iRecievables), OAF, Oracle 11g,UNIX, Developer Suite10g, Workflow 2.6, XML Publisher, Discoverer 10g, SQL/ PL/SQL, SQL\*Plus, TOAD.**

**Knoll, East Greenville, PA Dec’13 – Aug’15**

**Role: Oracle Apps Techno Functional Consultant**

The Project involved in extending the functionality of Oracle Applications11.5.10.2 (GL, AR, AP, OM, INV, PO, iProcurement)by adding new customizations around Order to cash and Procure to Pay modules. Project includes writing interface programs according to user and business requirements, customizing and developing several reports using Oracle Reports and XML publisher according to the functional specifications provided.

**Responsibilities:**

* Involved in Customization of various Financials Modules (GL, AP, AR, PO, INV and OM). Successfully Interacted with Functional Consultants, QA team, DBA team and development teams. Developed Technical **MD70** specification.
* Customized standard AR Aging **Report, Journal Entries Report, Billing History Report and Invoice History Report** using **XML/BI Publisher**.
* Customized menus, added new concurrent requests, registered the custom applications; value sets etc. using **System Administrator** Module.
* Developed **Concurrent Programs** to interface Customer data from Legacy Systems to AR.
* Designed and developed code to generate **XML files for Out-bound extract and report generation** using PLSQL and registered as Concurrent program.
* Developed PL/SQL package to insert customer information using TCA API. Implemented Auto Lock Box process.
* Involved in developing Integration Test Scripts and Documenting End-User Training Materials for project-Accounting and **Fixed Assets** and Performing Integration Test.
* Provided Post Implementation Support for Project-Accounting and **Fixed Assets** modules.
* Developed the Items Import program, which does all the necessary validations before populating interface tables of **Inventory Module.**
* Experienced in System administrator responsibility, which contains customizing the menus, adding new concurrent requests, registering the custom applications etc.
* Registered customized Oracle reports and XML Publisher reports using System Administrator and Application Developer.
* Involved in implementing various business process extensions of **Order-to-Cash** and **Procure-to-Pay cycles as per the business requirements**.
* Loading Catalogs into iProcurement. Actively participated in the implementation of Punch-out.
* **Workflow customizations** in Purchasing Module i.e. PO Requisition Approval and PO Approval.
* Customization of **Order Management Workflow** for Sales Order Approval.
* Worked on AR Transaction Distributions Report usin**g Discoverer.**
* Production deployment, Post-production support.
* Developed Various Reports in **GL, AP and AR** and customized them using **XML Publisher.**
* Developed **XML/BI Publisher** reports for standard purchase order with 2-Way 3-Way- 4-Way matching **Customer aging report.**
* Worked on the Email notification program to notify the users on recent customer creation failure in Accounts Receivables using Workflow Builder.
* Involved in writing the mapping and process Documents of **Journal Import in GL and Invoice Interface in AP,** for daily interfaces from the Legacy Mainframes System.
* Worked on fine-tuning of SQL queries and PLSQL procedures for improved performance. Utilized Explain Plans to analyze and SQL Hints where ever required.
* Designed and developed an Interface between web based Order Management systems to Oracle Order Management for creation of sales order which involved development of a UNIX shell script, which calls SQL Loader program to load data into custom staging tables and check for uniqueness of the files in UNIX directory to avoid duplicate data.
* Wrote complex **SQL queries, Control files, Procedures, Triggers and Packages.**
* Worked on **Metalink** to raise and track **Service Requests** to Oracle.
* Rectified the errors in the log file and loaded the data into the interface tables using **SQL\*Loader**.
* Prepared Deployment documents for moving custom developed reports and forms from the development instance to production after code testing.
* Coordinated knowledge transfer to technical team and guided them on prevailing technical issues and general Oracle Applications issues.

**Environment: Oracle Applications 11.5.10.2 (GL, AR, AP, OM, INV, PO, iProcurement), Oracle 9i, UNIX, Discoverer 4i, XML Publisher, Workflow 2.6, SQL, PL/SQL, Developer 6i, SQL\* Loader, SQL Developer.**

**Empirix Inc, Billerica, MA Aug’ 12 – Nov’13**

**Role: Oracle Apps Technical Consultant**

The Project was on Implementing Oracle Applications R12 with modules GL, AR, OM and PO. Providing, Production Support, Analyzing and defining the specifications for Conversions, Interfaces and Reports .

**Responsibilities:**

* Creating, reviewing and updating **BR100**, **MD50, MD70** specifications by using **AIM** methodology.
* Support Design, Development and Implementation of Custom Forms, Reports and Interfaces.
* Interaction with business users and application expert for ongoing customization requirements.
* Monitoring and updating helpdesk tickets related to development and customization.
* Migrating critical RICE components and after testing and performance evaluation.
* Performance tuning for forms, reports and critical queries in production system. s
* Created new **End User Layer (EUL)** for Oracle Discoverer version 10g. Created business areas and folders based on SQL codes and Views. Administered security of Oracle application users and Responsibilities through **Discoverer Administrator.**
* Developed simple to Complex worksheets, pivot reports using **Discoverer Plus** and shared the workbooks with users and responsibilities.
* Customized the existing form with descriptive flex fields.
* Customized **standard GL reports like Journal Entry report, Account Analysis Report, Accounts Hierarchy Report** as per business needs.
* Designed and developed Custom Vendor Interface for import of vendor information into the system. Used SQL\*Loader for import into interface tables and PL/SQL block for complete validation of data.
* Involved in design, development, testing, implementing, various reports using Oracle Discoverer and Oracle Reports.
* Complete technical evaluation and testing the Procure to Pay customizations.
* Generating huge volumes for Purchase Order using tools like data loader and SQL Loader.
* Debugging custom **RICE** components and troubleshooting the performance issues. .
* Worked on **Migration of process from servers** to different upgraded servers.
* Fixing bugs in previously designed reports.
* Developed **custom reports like Non Moving Product Reports, Over Stocked Product Report.**
* Used **AOL & Sys Admin** to register new reports, procedures, forms, functions, menus and created validation sets, request sets and concurrent programs.
* Worked on **Order Import APIs to load the orders from legacy system into OM**.
* Customized workflow for customer credit check in order entry process of Oracle Order Management.
* Developed PL/SQL procedures for conversion of items using the open items import program.
* Involved in Requirements, Design, Data Mapping, Testing and Client Interaction.
* Writing MD-070 documents for technical developments for Oracle Implementation.
* Creating and customizing forms to search property and customer records based on several condition criteria.
* Involved in setups of pricing that included price lists, modifiers, qualifiers, profile options, lookups, attribute mapping, etc.
* Developed custom interface programs to Import Sales Orders for Multi-Org, Inter-Company Data Transaction. This transaction takes Purchase order from one org and imports to another org as Sales Order.
* Developed adhoc SQL queries to obtain specific information as per requirements.
* Detailed AIM documentation for all the setup and steps for Application Object Library.

**Environment: Oracle Applications R12.0.4 (AR, OM, GL, AP, AOL, and PO), Oracle 10g, SUN SOLARIS, SQL, PL/SQL, UNIX, SQL\*Loader, SQL Navigator, Developer 10g, Workflow Builder 2.6, Discoverer 10g, XML Publisher.**

**Emtec Inc, India Aug’ 11 – July’12**

**Roles: Oracle Apps Technical Developer**

Emtec Inc is a fiber-optic based telecommunications company. It newly implemented oracle financials. Responsibilities in the project included structured systems analysis, data modeling, design, development, testing, integration, implementation and software support of financial accounting applications.

**Responsibilities:**

* Involved in **Requirement Analysis, Data Mapping and Client Interaction**. This involves analyzing functional document **MD50**, conversion document **CV40** and then developing technical specifications **MD70**, **MD120**.
* Involved in setting up various financial modules according to business requirement.
* Setting up banks, bank branches and bank accounts.
* Got training from well qualified financial and technical consultant to understand the business flows.
* Involved in migration - using **FNDLOAD** migrated concurrent programs, value set, **RTF** template and alerts to other environment.
* Worked on **SQL\*Loader** scripts to migrate the data from the text files, Spreadsheet etc. and populated the intermediate tables.
* Developed programs using **PL/SQL** and many packages to do the validations as per requirements
* Involved in designing and developing of Inbound Sales Order Import process to load the sales order information daily into OM.
* Created all items of supply for **Item Master Organization** to enable assigning them to different organizations.
* Experience in writing Test Cases, did unit and integration testing and also performed Unit Testing for different **PL/SQL** packages.
* Developed **Item conversion program** to load all the items from the legacy system into Oracle along with the Category set assignments and Categories.
* Involved in the analysis and management of Oracle problems/defects using **Meta-link** with Oracle.
* Worked on **XML/BI** Publisher reports namely, Withholding Reports, as per the Business requirements.
* Design and development of outbound interfaces for supplier **EFT payments** using EDI 820 Format Specifications.

**Environment: Oracle Application Release 11.5.10.2 (GL, AP, AR, PO, OM, INV), Oracle 9i, Solaris, UNIX, XML and e-Commerce Gateway, SQL\*Loader, PL/SQL and TOAD.**

**Finisar Technology, Hyderabad, India June’ 10 - July’ 11**

**Role: Oracle Applications Technical Developer**

**Responsibilities**:

* Developed a XML Check Template as per Chase bank preprinted check format, for in house Check Printing.
* Developed Journal Entry interface by writing a custom package to validate the data from the flat file and populate the same into GL interface table.
* Supported various interface process and extended their functionality as of when required like **journals Interface into GL from legacy system, Supplier Integration, Invoice interface in AP, Positive Pay outbound extract, Payment Extract, Bank Reconciliation, PO import and others**..
* Customization of Order Management Workflow for Sales Order Approval.
* Involved in implementing various **business process extensions of Order-to-Cash and Procure-to- Pay** cycles as per the business requirements
* Created various custom reports including **invoice register report, Supplier Audit Listing Report, Customer Transaction aging report** using Reports Builder
* Loading Catalogs into iProcurement. Actively participated in the implementation of Punch-out.
* Wrote queries for summaries of **AR aging reports**.
* Customized **Pick Slip, Packing List, Bill of Lading reports** based on functional specification.
* Developed a Custom Travel Application using Forms 6i, and PL/SQL.
* Involved in writing the mapping and process Documents of Journal Import in GL and Invoice Interface in AP, for daily interfaces from the Legacy Mainframes System.
* **Workflow customizations** in Purchasing Module i.e. **PO Requisition Approval and PO Approval**.
* Designed and developed an Interface between web based Order Management systems to Oracle Order Management for creation of sales order which involved development of a UNIX shell script, which calls SQL Loader program to load data into custom staging tables and check for uniqueness of the files in UNIX directory to avoid duplicate data.
* Developed a report, which showed requisition details, purchase order details, receiving details, invoicing details and payment details.
* Supported Business Process by working in collaboration with Oracle Support.

**Environment: Oracle Applications 11.5.10.2 (AP, AR, GL, FA, BOM, INV, OM), Oracle 9i, Reports 6i/Forms 6i, Windows2000/NT, UNIX, PL/SQL, SQL\*LOADER, SQL\*Plus, TOAD**

**Fortis Healthcare Bangalore, India Feb’09– May’10**

**Roles: Oracle Developer**

**Responsibilities:**

* Involved in designing and developing Oracle forms and Reports.
* Designing and building reports using Oracle Report Designer.
* Generated DDL Queries for creation of new database objects like tables, views, sequences, functions, synonyms, indexes, triggers, packages, stored procedures, roles and granting privileges using **TOAD**
* Created several SQL queries, procedures, functions, packages and several database objects.
* Preparation of class structure and sequence diagrams using Rational Rose
* Using views for designing and building reports.
* Developed PL/SQL code to implement business rules through triggers, procedures, functions, and packages using SQL\*Plus.
* Developing **Generic Packages** using PL/SQL to migrate data from fat files to Oracle Systems
* Involved in creating rule sets as for the business rules.
* Tested the modified interfaces and prepared Test Plans.
* Developed the **SQL**\*Loader script to load the data to staging tables and then to interface tables for Order Import program to import orders. Wrote packages to validate and populate the interface table
* Customized standard Oracle reports like Suppliers Report, Account Status Report, Account Analysis Report and Backorder Summary Report as per the business requirements.
* Provided support and fixed Bugs after Implementation.

**Environment: Oracle 9i, PL/SQL, SQL\*Plus, Developer 4i, TOAD, SQL\*Loader.**

**Educational Details:**

* **Master’s Degree from Stratford University, Fairfax, VA.**