**NIKETH ARAKALA**

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**PROFESSIONAL SUMMARY:**

* A Technology driven IT professional with **8+ years** of experience in designing and developing Complex applications, using **SQL/PLSQL** in a large-scale relational database environment.
* Experience in gathering business requirements and converting them into functional, technical specifications and developed mapping documents to map source systems to the Data Warehouse Model
* Expertise in writing **SQL Queries, PL/SQL Stored Procedures, Functions, Packages, Database Triggers, SQL Trace on Oracle 9i/10g/11g databases.**
* Worked and maintained very large databases **(8+TB)** by programming PL/SQL batch programs, using packages stored procedures and triggers.
* Expert level experience on PL/SQL that includes **Cursors, Ref-cursors, Procedures, Functions and Packages, Oracle Supplied Packages, Object, Materialized views, Partitioned Tables, Triggers, Synonyms, Sequences and Table Indexing.**
* Expertise in writing **SQL Queries, PL/SQL Stored Procedures, Functions, Packages, Database Triggers, SQL Trace on Oracle 9i/10g/11g databases.**
* Experience on **HTML, XML, DHTML, JavaScript, VBScript, Cascaded Style Sheets (CSS).**
* Extensively worked on **data extraction**, **Transformation** and loading data from various sources like Oracle, SQL Server using Data stage.
* Responsible for all activities related to the development, implementation, administration and support of **ETL processes** for large-scale data warehouses using Data stage ETL tool.
* Strong experience in Data Warehousing and ETL using **Data stage.**
* Strong skills in Data Analysis, Data Requirement Analysis and Data Mapping for ETL processes.
* Extensive experience in ETL design, development and maintenance using **Oracle SQL, PL/SQL, SQL Loader, Data stage 8.x.**
* Experience in creating Data stage mappings to extract, transform and load data from Oracle and SQL Server Sources onto the data warehouse.
* Had experience in Dimensional Data modeling using **Star** and **Snow Flake schema**
* Entity Relationship diagrams and **Data modeling** using **Toad** and **Visio**.
* Experience in Performance Tuning (sources, mappings, targets and sessions), **SQL Tuning, Table Space Partitioning**, **creation of indexes** for faster database access and better query performance.
* Planned, Designed and Implemented Table Partitioning for improving performance.
* Experience in using tools like **SQL \*Plus, SQL developer, PL/SQL developer, TOAD**
* Experience of building and maintaining **Microsoft Excel Spreadsheets, Pivot tables and Macros**.
* Excellent Analytical, Programming and Reporting skills.
* Coordinated with **DBAs**, **QA**, Release Management and external team for technical needs and to ensure the timely release of project.
* Strong perseverance and diligence towards attaining challenging goals and effective time management.
* Good communication skills, inter personal skills and proven ability to perform both as an individual and as a team player.
* Worked on **SQL Server 2008 Enterprise Manager** and **Query Analyzer to administer SQL Server and** created Linked Server to retrieve data from other databases.
* Worked in **UAT** process through **testing data provision**, **approach planning, test case creation, and test execution**.
* Experienced in writing parameterized Queries for generating reports, Formatting reports layout, reports using **Global variables, Expressions, Functions, Sorting the data, defining data source** and subtotals for reporting using **SSRS 2005/2008**.
* Extensive knowledge in UNIX platforms includes **HP, SOLARIS,** and **LINUX.**
* Worked on Oracle **Web Logic Server** Process includes Business Process Management and Data Mapping functionality.
* Wrote **Crystal Reports** as graphically design data connection(s) and report layout. Also, worked on select and link tables from a wide variety of data sources, including Spreadsheets, Oracle databases, Business Objects Enterprise business views, and local file system information.
* Worked on **Oracle Forms** 5/6.0/6i/10g/11g, **Reports** 5/5/6.0/6i/10g/11g.
* Worked on **Report** layout design, Data models which used Placeholder, Summary, Formula Columns preparation of user manual and development of the program using **Reports** 10g.
* Worked on Scenario Matrix, query/report analysing, validation and testing the **Forms** 10g
* Developed **Oracle Forms 10g database triggers, cursors, stored procedure.**

**TECHNICAL SKILLS:**

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| **Databases:** | **Oracle 11g/10g/9i/8i (SQL, PL/SQ),** MS SQL SERVER 2005/2008**, DB2, TERADATA** |
| **Developer Tools:** | PL/SQL Developer, SQL Navigator, TOAD, SQL\*Plus, PUTTY, WINSCP |
| **GUI/Reports:** | Oracle Reports 10g/9i/6i, Forms 11g/10g/9i/6i and APEX |
| **Languages/Utilities:** | **SQL, PL/SQL,** UNIX shell scripts**, Java,** XML, Perl Scripting |
| **Other Tools** | **SQL\*Loader, ERWIN, MS Visio.** |
| **Operating Systems:** | Windows 2008/XP, Win 7/Vista, Red Hat Linux 6/5, AIX, SUN Solaris, HP UNIX |
| **Version Control Software** | VSS, WINCVS, PVCS, WIN Office |
| **SR/Ticketing Systems** | HP Service Center, Service Manager, Service Now, JIRA, SYSAID |

**PROFESSIONAL EXPERIENCE:**

**Tyler Technologies Inc, Dayton, OH Sep'16 – Present**

**Role: Oracle PLSQL Developer**

**Responsibilities:**

* Involved in the Preparation of the **Technical specification** **documents, Business Requirement Documents** that gives the **comprehensive details** about the requirements.
* Created and maintained database objects like **Tables, Constraints, Views, Indexes, Materialized Views and Synonyms** to meet the business requirements.
* Involved in designing and writing the logical data structures, triggers, functions, and stored procedures.
* Created Stored Procedures, triggers and functions to retrieve data from database using PL/SQL.
* Heavily involved in Performance Tuning at the application level.
* Design, code and test listener programs, monitor, troubleshoot, and resolve, processing problems.
* Responsible for supporting the Rappahannock Electric Cooperative Customer Information Systems.
* Involved in tuning SQL statements and PL/SQL processes.
* Created complex Reports usingOracle reports Developer.
* Developed various **new** **reports** from scratch and **existing reports** for modifications using **Oracle Reports Builder.**
* Deployed the **SQL script and RDF** into the client’s **Staging Site** for **testing** the reports.
* Worked on **Data Migration and Data Conversion** from Client’s database to local oracle tables via batch processing for transition into a simplistic level.
* Used **SQL\*Loaders** to download and manipulate files the data into database.
* Actively participated with DBA to utilize performance management issues.
* Developed UNIX Shell scripts that will interact with the PL/ SQL Objects.
* Documented and performed unit testing for all components prior to migrating them to production.
* Developed and maintained test plans.
* Solving any technical issues arising during development and integration phases.
* Unit testing, troubleshooting & bug fixing.
* Extensive experience with all phases of the Software Development Life Cycle including analysis, Resource Planning, code development, testing, implementing and maintenance.
* A well-developed ability to work both independently and in a team environment. Highly self-motivated.
* Defect assignment, resolving escalated issues proactively.
* Defect tracking & maintaining defect log.
* Prepare weekly/monthly status reports.
* Deployment of code in QA and Production.

**Tools & Technologies: Oracle 11g, Reports10g, MS Visio, Rational Clear Case, PL/SQL Developer, SQL Developer, SQL \* Plus, TOAD, SQL\*Loader, UNIX Shell Scripting, Win 2008 / Win 7**

**Sammons Financial Group, Des Moines, IA Nov'15 – Sep'16**

**Role: Sr. Oracle Developer (PL/SQL, Forms & Reports)**

**Responsibilities:**

* Interacted with Business Analysts and participated in user requirement sessions to analyze and gather business requirements.
* Coordinated with the front-end design team to provide them with the necessary stored procedures and packages and the necessary insight into the data.
* Created/developed/Modified **Procedures, Functions, Triggers, Materialized Views, Packages, Simple, Ref & Traditional Cursors, Dynamic SQL**, Table functions as part of Project/Application requirements.
* Optimized lot of **SQL statements** and **PL/SQL blocks** by analyzing the execute plans of SQL statement and created and modified triggers, SQL queries, stored procedures for performance improvement.
* Developed various backend application programs, such as **Views, Functions, Triggers, Procedures** and **Packages** using **SQL** and **PL/SQL** language for the top management for decision-making.
* Worked on **SQL\*Loader** to load data from flat files obtained from various facilities every day.
* Created and modified several **UNIX shell scripts** per the changing needs of the project and client requirements.
* Wrote Unix Shell Scripts to process the files on daily basis like renaming the file, extracting date from the file, unzipping the file and remove the junk characters from the file before loading them into the base tables.
* Created PL/SQL **stored procedures, functions and packages** for moving the data from staging area to data mart.
* Created **indexe**s on the tables for faster retrieval of the data to enhance database **performance.**
* Involved in data loading using **PL/SQL** and **SQL\*Loader** calling UNIX scripts to download and manipulate files.
* Performed **SQL and PL/SQL tuning**and Application tuning using various tools like **EXPLAIN PLAN, SQL\*TRACE, TKPROF**and**AUTOTRACE.**
* Supported **APEX** applications and conducted performance tuning for PLSQL.
* Contributed with database designs and assisted in increasing response time for **APEX reports**.
* Gathered business changes to be applied to wholesale banking applications and prepared source to target mapping documentation to help **ETL** developers develop conversion process
* Developed a package containing several procedures and function using oracle concepts such as ref cursors and bulk collects are used to improve performance
* Modify **packages to debug** client’s issues and analyze the cause of the issues and work on emergency release as per client necessities
* Used **PIVOT** and **UNPIVOT** to align data to new table structures which were modified for Wave 50.
* Code (using PL SQL) procedures, functions, triggers and packages based on business requirements.
* Tuned Application for peak performance using **Hierarchical profiler, SQL Trace, TKPROF**.
* Developed Error handling mechanism to the process to efficiently handle production support
* Developed generic modules using **dynamic** **SQL** to do Validations in various processes
* Developed scripts for Oracle VPD column masking using oracle **DBMS\_RLS** to maintain the column confidentiality with the application data partners.
* Unit Test and System test the application for defects and write tie out scripts for data tying.
* Developed **SQL\*Loader** control files to extract data from flat files, create error, result log files and load data into temporary table to do validations.
* Formulated **SQL queries, functions and processes as per customization requirement for APEX**.
* Designed application framework and developed Oracle APEX Application.
* Extensive testing was done on the programs for achieving accuracy, timely processing of data.
* Involved in the development of backend procedures by using PL/SQL for ledger posting and for reversing the journal ledgers.
* Used **Oracle Forms 10g** to design and develop User Interface for the customer internal business system.
* Extensively utilized forms 10g to create various screens for business users to create new totals definitions, carve-outs, submit totals, submit reports and submit batch job queues.
* Created complex Reports using **Reports 10g like master Detail Reports, Dynamic query generators, PLSQL Program Units, Lexical parameters, format Triggers, etc.**
* Created front-end procedures and functions with **Forms 10g** to calculate reorder level and reorder quantity.

**Tools & Technologies: Oracle 11g, Forms10g, Reports10g, APEX, Rational Clear Case, PL/SQL, SQL \* Plus, TOAD, SQL\*Loader, UNIX Shell Scripting, Win 2008/Win 7**

**Asuragen Inc, Austin, TX Jun' 14 to Oct' 15**

**Role: Oracle PL/SQL Developer**

**Responsibilities:**

* Created heavy stored procedures for financial transaction by using procedural parameters & worked with packages, blocks & exception handling
* Designed and Developed Oracle database Tables, Views, Indexes, and Synonyms with proper privileges.
* Developed PL/SQL packages for generating various feeds from oracle database using **UTL\_FILE** utility in the client’s secure data transmission server
* Developed **UNIX scripts** for transmitting files from the secure server to the customer specified server, using various **FTP** batch processes
* Used **SQL\*Loader**s to download the data into database from the text files and spread sheets
* Extracted data from the XML files transmitted to the bank and loaded them efficiently into oracle temp tables for day to day customer financial transaction reconciliation
* Developed UNIX scripts for sending mails to the bank and the business team, when the external feeds to the bank are received
* Involved in supporting/fixing production defects and day to day business transaction issues
* Used **SQL Navigator**, a popular tool which increases user productivity, to manage database objects, develop and debug PL/SQL code and to create, execute and optimize SQL queries
* Migrated Oracle forms from version **6i to 10g** by compiling them for any errors in the 10g version and deployed them to the server
* Involved in the generation of new **UI** requirements using oracle forms by extensively creating forms using Forms Builder 10g
* Developed various new reports from scratch utilizing Oracle Reports 10g for day to day validations
* Developed **ETL** mappings, transformations using Informatica Power Center 8.1
* Created and monitored the Oracle DBMS JOBS as a part of weekly tasks
* Design, develop, implement, and assist and in validating ETL processes
* Did Unit Testing and Development Testing at ETL level in custom mappings
* Created various adhoc reports as of when required for the production analysis and bug fixing.
* Converted reports to browser supportable XML format
* Created programming code using advanced concepts of Records, Collections, and Dynamic SQL
* Used pipelined functions for faster data accessibility
* Used advanced Bulk techniques (**FOR ALL, BULK COLLECT**) to improve performance

**Tools & Technologies: Oracle 9i/11g SQL, PL/SQL, Forms Builder 6i/10g, Reports Builder 10g, SQL\*Loader, SQL Navigator, Crystal Reports, Toad, Informatica Power Center 8.x/9.x, SYSAID, MS Visio**

**Genscape, Louisville, KY Oct' 12 to May' 14**

**Role: Oracle Developer**

**Responsibilities:**

* Write Technical Specifications based on business requirements to provide account level financial summary reports to the business customers
* Perform Data Mapping and develop **ETL** Specification documents.
* Develop ETLs using PL/SQL in Oracle 10g & 11g to extract, transform and load data from OLTP into Warehouse.
* Developed SQL and PL/SQL scripts to transfer tables across the schemas and databases.
* Created **Cursors, Collections** and **DB Triggers**.
* Documented different Stages of Data Transformation, procedures and Scripts.
* Utilized PL/SQL nested tables for conditional trafficking of data within ETL process.
* Filtering of data by developing reusable PL/SQL functions. QL batch process for claims based billing and reporting system.
* Debugging Production issues using Toad 9.7 debugger.
* Implemented various UNIX scripts to generate the data in CSV format.
* Worked on inline and correlated Sub queries based on business context.
* Extensive and in depth analysis of the problem tickets to dig out the root cause for the problems.
* Experience in operational DBA supporting **OLAP** and **OLTP** environment including implementation and design of data warehousing.
* Proficient experience in working on conceptual, physical and logical data models(3NF) using various Data Modeling tools like Erwin, MS Visio, Power Designer.
* Strong understanding in the principles of Data ware housing using Fact Tables, Dimension Tables, star schema modeling and snowflake schema modeling, slowly changing dimensions, foreign key concepts, referential integrity.
* Proficient in Oracle Tools and Utilities such as **TOAD, SQL\*Plus, SQL Developer and SQL Navigator.**
* Experience in Query optimization & Performance tuning using Execution Plan, Performance Monitor.
* Strong experience on working with Procedures for improving the load performance in various schemas across databases using appropriate **HINTS**.
* Extensively worked on database up gradation and data migration from other systems to oracle.
* Extensive Knowledge on **UNIX** (Korn) Shell Scripting, PERL Programming and scheduling jobs using **CRONTAB** and **DBMS\_JOBS**.
* Extensive Experience in Creating Repository, Source, Target Databases for Extraction, Transformation and Loading (ETL) using OWB and Informatics.
* Developed and maintained Oracle HTML procedures and functions with PL/SQL code integration
* Worked on **JDeveloper** for development in Java, XML, SQL and PL/SQL, HTML, JavaScript, BPEL and PHP.
* Analyzed, designed and developed Oracle forms 10g queries, layout, report triggers, parameter form, data models etc.
* Developed korn shell scripts to kick off back end **PL/SQL, SQL, Pro\*C programs**.
* Worked on Report layout design, Data models which used Placeholder, Summary and Formula Columns preparation of user manual and development of the program using Forms 10g.
* Designed and Developed JSP programs by using **Web Logic**, an Eclipse IDE for Java, SOA and Rich Internet applications.

**Tools & Technologies: Oracle 10g/11g, SQL, PL/SQL, Toad 9.7, SQL Developer, CVS, UNIX Scripting, HP-UNIX, Windows XP, Oracle Database 11g, PL/SQL, Oracle Developer Suite 10g, Tortoise SVN, PUTTY.**

**XLNCI BIZ Solutions Pvt Ltd, Hyderabad Nov' 11 to Aug' 12**

**Role: Oracle PL/SQL Developer**

**Responsibilities:**

* Involved in logical modeling and physical modeling of application.
* Developed Stored Procedures, Functions, Packages and SQL Scripts using PL/SQL.
* Loaded the data into database tables using **SQL\*loader** from text and excel files.
* Developed data model, SQL Queries, **SQL Query tuning** process and **Schemas**.
* Worked with **bulk collect** to Implement the performance of multi row queries
* Data loaded from legacy systems using **PL/SQL** and SQL\*Loader.
* Wrote various kinds of SQL queries involving correlated **Sub queries, UNION, Inner and Outer Joins.**
* Developed Procedures for efficient error handling process by capturing errors into user managed tables.
* Developed Shell scripts to automate execution of SQL scripts to check incoming data with master tables, insert the valid data into Customer Management System and invalid data into error tables which will be sent back to sender notifying the errors.
* Generated various analytical reports using Microsoft Access.
* Worked with j ava developers to repair and enhance current base of **PL/SQL packages** to fix production issues and build new functionality and improve processing time through **code optimizations** and **indexes**.
* Created partitioned tables, partitioned indexes for manageability and scalability.
* Used **Toad** for creating PL/SQL (trigger, sequence, stored procedure).

**Tools & Technologies: Oracle 10g/9i/8i, SQL, PL/SQL, SQL\*Loader, MS Access, UNIX Shell script, TOAD, Oracle Forms 10g, Reports10g, UNIX, Windows XP/2000.owb 10g.**

**Shah Electronics, India Jun' 10 to Oct' 11**

**Role: Oracle Database Developer**

**Responsibilities:**

* Created database objects like tables, synonyms, sequences, views.
* Developed **ETL**s to pull data from various sources and transform it for reporting applications using PL/SQL.
* Documented Technical Specs, Dataflow, Data Models and Class Models.
* Performed integration testing with frontend reporting infrastructure.
* Wrote **shell scripts** for automating the process of data loading.
* Documented requirements gathered from stake holders.
* Completely redesigned the database process in PL/SQL to be able to configure variables in database tables opposed to code and developed system alerts to proactively notify about discrepancies in data.
* Deployed database objects (procedures, triggers, tables) to production.
* Identified dependencies of different components.
* Review, process and carry out regular site and office safety audits and inspections for all related site projects.
* Conducted code review to ensure development standards.
* Created **materialized views, partitions, tables, views** and **indexes**.
* Developed complex hierarchical SQL queries to provide hierarchical views of organization’s structural data in Organizational Mapping system.
* Developed **API**s to validate inputs and retrieve data for frontend applications.
* Developed Reusable PL/SQL functions for validation of inputs.

**Tools & Technologies: Oracle 10g/11g, SQL, PL/SQL, Toad 9.7, SQL Developer, CVS, Mod-PL/SQL, UNIX Scripting.**

**Interlink Consultants, Chennai**  **Apr'09 – May'10**

**Role: PL/SQL Developer**

**Responsibilities:**

* Designed and developed **complex procedures** to handle errors and exceptions at both application and database level using PL/SQL and shell scripts.
* Used export and import utilities for logical backups.
* Analyzed and discussed the business requirements with the business owners and business analysts.
* **Optimized** and **modified** the **triggers, complex store functions, procedures**.
* Wrote **test scripts for testers** to test the system before it goes to production.
* Maintained user accounts.
* Created PL/SQL **Procedures, function Packages** and **SQL queries** starting from middle level to high level complexity based on system needs
* Reorganized existing automated reporting scripting system to increase performance and reliability.
* Wrote technical design documents for conversions, extensions, interfaces, and reports.
* Troubleshoot issues, including creation/follow-up of **Oracle service requests** (SRs).

**Tools & Technologies: Oracle Database 9i/10g, Toad, SQL\*Plus, SQL\* Navigator, SQL\*LOADER, UNIX, Forms6i, Reports 6i.**

**Genex Technologies, Hyderabad**  **Jun' 08 to Mar' 09**

**Role: PL/SQL Developer**

**Responsibilities:**

* Created complex **stored procedures** for financial transaction by using **procedural parameters & working with packages, blocks & exception handling**.
* Designed and Developed Oracle database **Tables, Views, Indexes,** and **Synonyms** with proper privileges.
* Extensively developed **PL/SQL Packages, Stored procedures, Triggers**, and finely tuned them for performance.
* Developed **PLSQL packages for generating various feeds** from oracle database using **UTL\_FILE** utility in the client’s secure data transmission server.
* Used **SQL\*Loaders** to download the data into database from the text files and spread sheets.
* Developed **UNIX scripts for sending mails** to the bank and the business team, when the external feeds to the bank are received.
* Worked on creating **Materialized Views** to maintain copy of the remote data at local node.
* Solving the complicated **run time errors** while running the process along with **DBA team members**.
* Developed various new reports from scratch utilizing **Oracle Reports Builder for day-to-day validations.**
* Created various adhoc reports as of when required for the production analysis and issue fixing.

**Tools & Technologies: Oracle Database 9i, Toad, SQL\*Plus, SQL\* Navigator SQL\*LOADER, UNIX, Forms6i, Reports 6i.**

**Education Details:**

* Bachelors of Technology in **Computer Science** from **JNTU** University, India.