**Vijayalakshmi Sambandam Senior Data Engineer**

Email: [vijayalakshmi.s.architect@gmail.com](mailto:vijayalakshmi.s.architect@gmail.com)

Mobile: +1 804-873-7946

**Sr. Data Engineer/ ETL Developer/BI Architect/Datawarehouse/AWS/Teradata developer, Data Analyst, Analytics Role with Tableau/Looker**

### professional Summary

* Over 12+ years of versatile expertise in IT Industry Development and Implementation of **Data Warehouse and Business intelligence applications** in Finance, Retail, Manufacturing and Healthcare domains
* Proven experience as **Data Warehouse Analyst** translating business requirements to analytical and reporting needs.
* Involved in all phases of the **SDLC** -Software Development Life Cycle from analysis, design, development, testing, deployment and maintenance with timely delivery against aggressive deadlines.
* Good Understanding of data warehousing techniques, **Star/Snowflake** schema, ETL, Fact and Dimensions tables, physical and logical data modeling of OLAP and Report delivery methodologies
* In-depth knowledge of large database design techniques; experience in data analysis, data cleansing**,** and data transformation and migration using **ETL** tools
* Strong hands-on knowledge with application development, DW platforms and databases(Oracle, Teradata, Redshift, MS-SQL)
* Proficient in designing and developing strategies to **E**xtract, **T**ransform, **L**oad data to the data warehouse using **Informatica Power center.**
* Strong hands on experience using **Teradata utilities** (**Macros, B-TEQ, Fast Load, MultiLoad, FastExport, Tpump**) and **Teradata Unity suite** for data mover
* Expertise in developing **SQL** and **PL/SQL** codes through various **procedures, functions ,triggers** and **packages** to implement the business logics of data base in Oracle
* Proficient in writing **UNIX shell scripts** for various business functionalities
* Experience in automating, scheduling and monitoring batch **jobs** using **Control-M**& Work Load Manager
* Comprehensive Knowledge in **AWS** services like EC2, S3, IAM, Cloud Formation, Lambda, Redshift, Dynamo DB
* Good hands-on in **Production Support** involving root cause analysis **RCA**, troubleshooting & Submitting Change Controls
* Highly organized and detail-oriented professional with strong problem analysis skills
* Able to liaison with both technical and business stakeholders

### Technical Skills

**RDBMS :** Oracle, SQL Server

**MPPs**  : Teradata, Amazon Redshift

**NoSQL** : Dynamo DB

**ETL/ELT Tools :** InformaticaPowerCenter6.x, 7.x, 8.x, 9.x,10x

**Big Data** : Hadoop, Map reduce, Sqoop

**Scripting :** UNIX, Python

**Scheduling Tools :** Control –M

**Visualization :** Tableau, Looker

### CERTIFICATIONS AND TRAINING

* **AWS Certified Solutions Architect – Associate**
* **Oracle Certified Associate OCA**
* **OBIEE, ODI Corporate Training**

### Professional Experience

**Cuboid IT Solutions**

**Verizon Wireless - Remote Senior Data Engineer Oct ‘21- Present**

**VRAN/RAN Operational Insights**

VRAN/RAN Operational Insights is an initiative of Network & Technology division of Verizon’s wireless business to provide actionable insights and KPIS for their wireless build and plan engineering tasks for enabling cell 5G and 4G sites.

**Roles & Responsibilities:**

* Participated in the design, implementation, and interpretation of experiments/trials for continuous refinement of on-going strategies.
* Determined optimal approach for obtaining data from diverse source systems.
* Integrated VRAN/RAN and operational data elements into consumable data products using Tableau, Looker and excel reports.
* Designed and developed ETL pipelines to transform and validate data, populate data models, calculate reporting attributes and metrics using stored procedures, python scripts and java jars
* Improved performance of the ETL pipelines and dashboards
* Built Operational Analytics Platforms for KPI Metrics: Volume Trends, Data Quality, Milestones, Cycletimes and other metrics.
* Collaborate with cross functional team to resolve data quality and operational issues and code deployment activities.
* Run ad-hoc processes as required.

**Environment :** Oracle 19c, Oracle Exadata, PLSQL, Python, Tableau, Looker

**Spectrum – St. Louis, MO Senior BI Architect Jun ‘20- Oct ‘21**

**SMART Application Migration**

System Management and Routing Tool (SMART) System migration is a BI initiative of Service Delivery team

The main objective is to migrate the reporting application of SMART data in SSRS to Charter’s Enterprise wise Data Warehouse Teradata.

**Roles & Responsibilities:**

* Involved in analyzing reporting attributes of the existing system from the SMEs and design ETL processes
* Performed data profiling of source data to identify data quality issues and anomalies, business knowledge embedded in data, gathering of natural keys, and metadata information
* Create data models and S2T mapping documents as per the Charter’s naming conventions and standards
* Exercises, in conjunction with the enterprise data architect, independent decision making to creates processes which initiate the ETL, developing stream-lined processes for extracted data loading to destination databases.
* Designs and implements technology best practices, guidelines, and re-usable processes.
* Managed all development and support efforts for the Data Integration/Data Warehouse team.
* Involved in Unit testing, User Acceptance and reconciliations in the report anomalies .
* Implement various types of customized Error handling techniques for ETL load.
* Design re-usable components that supports ETL design
* Work in phased deliverables in Agile methodology

**Environment :** Oracle 11g, Microsoft SQL Server 2008, Teradata 15, Micro Strategy, One Automation

**QVC – West Chester, PA Senior ETL Developer Oct’18- Apr’20**

**ClaraBridge Data Integration, CWMS Data Integration**

Clarabridge is a third-party vendor text analytical tool which processes the customer feedback and review information. The objective is to integrate this data to the enterprise data warehouse to centralize all the reporting data needs.

CWMS – Common Warehouse Management System is QVC’s warehouse systems data and this requirement is part of QVC’s merger acquisition Zulily’s data to the enterprise data warehouse.

**Roles &Responsibilities:**

* Involved in understanding the Requirements from product owners and Developed Strategies for ETL processes
* Wrote, tested and implemented Teradata Fast load, TPT scripts
* Managed all development and support efforts for the Data Integration/Data Warehouse team
* Used Informatica power center 10 to Extract, Transform and Load data into Teradata Data Warehouse from various sources like Oracle, DB2, GCP and flat files
* Design and develop new ETL routines using informatica for new data integration and maintain/enhance existing informatica workflows
* Involved in Unit testing, User Acceptance testing to check whether the data is loading into target, which was extracted from different source systems according to the user requirements
* Implement various types of customized Error handling techniques for ETL load
* Design re-usable components that supports ETL design
* Worked in Agile methodology
* Worked with stone branch scheduling tool for jobs scheduling

**Environment :** GCP, AWS, Azure, Informatica 10.1, Oracle 11g, Microsoft SQL Server 2008, DB2,UNIX, Flat Files, Teradata 15, Stonebranch

**CVS Health - Smithfield, RI Senior Data/Data Warehouse Analyst Jan’15- May ‘18**

**Omnicare Control-m Migration**

The objective of this project to bring all the scheduling of third party workloads running in the native tool to control-m which is enterprise scheduling tool. Omnicare is one of the CVS acquisitions and this project is part of integrating Omnicare to CVS infrastructure.

**RxDW Future State Architecture and Data Retention Strategy**

This project is the vision of future state architecture of CVS retail data warehouse to evolve and enhance by adding new technologies and tools. It includes metadata management, archival strategy and Disaster Recovery and High availability.

**Responsibilities :**

* Participatedin requirements gathering, design of **ETL** lifecycle and creating design specifications, ETL design documents
* Actively involved in the **data modeling** and design of the data warehouse with **Data Architect,** Designed and Implemented star schema models, Identified and built Facts, Dimensions, Aggregate tables to support the reporting needs
* Designed, Developed and tested **Informatica Mappings,** Transformations, **Mapplets, Sessions, Tasks, Workflows, worklets, SQL** queries to implement complex business rules.
* Designed reusable objects like **mapplets** &**re-usable transformations** in Informatica PowerCenter 9.6x
* Extensively used **Source Qualifier, Aggregator, Lookup, Router, Filter, Sequence Generator, Expression, Joiner and Update Strategy transformations**
* Used **Informatica Address Doctor** for standardizing the address fields of the various sources.
* Designed and developed **TPT** and **Fast Load scripts** through informatica and developed **BTEQ** scripts to process data from file to stage and then stage to the core table.
* Through explain plan, analyzed and modified indexes and modified queries with derived or temporary tables to improve the performance. Also utilized Teradata viewpoint.
* Created Multiset, temporary, derived and volatile tables in Teradata database.
* Used **BTEQ** and **SQL** Assistant (Query man) front-end tools to issue SQL commands matching the business requirements to Teradata  **RDBMS**.
* Involve in **POC** developing and testing the new functionality /tools across CVS
* Involved in the migration activities of informatica upgrade from version 9.0.1 to version 9.6
* Performed detailed Data Analysis to identify the root cause of production issues and provide solutions in the permanent schedule.
* Involved in building or re-designing of reject processing of source feeds and reprocess it to the warehouse.
* Involved in the enhancements or new standards to the existing process as per CVS ETL architecture.
* Co-ordinate with all the business users, SMEs and process owners to complete the activities of SDLC phases.

**Environment :** Informatica 9.6, Oracle 11g, Microsoft SQL Server 2008, UNIX, Flat Files, Teradata 15, Teradata Unity , Control – M, Data Migrator, DataStage, Hadoop

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_UST Global Limited System Analyst Jan’10- Dec ‘14**

**WellPoint - Richmond, VA Senior ETL Developer**

**AGP PIS UM Data Integration Project**

The scope of the project is to direct source AGP UM clinical data to the enterprise data warehouse to support PIS (Payroll Information Systems) which is one of the downstream applications. This integration of data will give a unified view and provide the single source of truth for all their data and reporting needs across WellPoint.

**IM Decommissioning Project –ISGDW**

IM Decommissioning Project’s objective is to sunset few legacy data warehouses built on Microsoft SQL Server and Oracle and to make EDWARD (Enterprise Data Warehouse and Research Depot) – the enterprise warehouse as single source of information for all reporting needs. ISGDW is one of the legacy data warehouse which deals with the Individual and Small Group customers of CA, CO and NV region. The key business users of this system are actuarial users.

**SSB Encounters Lights on Project**

**SSB –** State sponsored Business is one of WellPoint’s IM (Information Management) Divisions which submits the claims details to the state government for reimbursement. SSB database is a

* A consolidated DataMart that will store all SSB data.
* Holds data from various WP systems like D950, EPDS, NMS, EPDS2, WGS2.0 etc.
* To provide a structure, one source of truth, to meet the different SSB reporting and analysis needs of Medical Management, Actuary, Finance and Compliance business area and other departments within WP.

**Responsibilities :**

* Playing tech lead role and owns the accountability of all the technical deliverables.
* Participated in the due diligence phase of requirements gathering, scope determination and translating the business requirements into technical requirements.
* Performed detailed Data Analysis to identify data sources, data gaps, redundancies & anomalies.
* Involved in detailed analysis of the downstream/upstream dependencies of the legacy warehouse.
* Involved in effort estimation for the requirements for the project.
* Co-ordinate with all the business users, SMEs and process owners to complete the activities of SDLC phases.
* Worked effectively with Business Analysts and Project managers for assigned tasks and deliverable timelines.
* Created spreadsheets as user interface for the business users to confirm on the data required for migration.
* Documented the data analysis in the excel pivot summary of data availability to the business SMEs.
* Maintained data validations in excel charts and tables.
* Used various excel functionalities like vlookup, sorting, filtering during the analysis phase.
* Designed simple and complex mappings using Informatica Powercenter to load the data from various heterogeneous sources using different transformations **like Source Qualifier, Lookup (connected and unconnected), Expression, Aggregate, Update Strategy, Sequence Generator, Joiner, Filter, Update Strategy, Normalizer, SQL, Rank and Router** transformations.
* Created **sessions , event tasks, decision tasks and workflows** using powercenter
* Used Teradata SQL Assistant, Teradata Administrator, and PMON and data load/export utilities like BTEQ, **Fast Load, Multi Load, Fast Export, and Tpump on UNIX/**Windows environments and running the batch process for Teradata.
* Created UNIX shell script to FTP flat files from different systems to the ETL server
* Responsible for QA migration and Production Deployment.
* Schedule the Informatica Jobs through WLM
* Used debugger in debugging some critical mapping by setting breakpoints and trouble shot the issues by checking sessions and workflow logs Created and maintained various project related documents like high level design documents.
* Processed XML files using informatica webservices.
* Compared the data from two data sources for finding the gaps.
* Created reusable transformations and mapplet and used with various mappings
* Participated in the Integration testing and Unit Testing along with the Development team. Performance tuning of sources, targets, mappings and SQL queries in the transformations
* Involve in enhancements and maintenance activities of the data warehouse including performance tuning, rewriting of stored procedures for code enhancements.
* Ensure 24\*7 availability of PRODUCTION environment.
* Effectively monitored weekly and monthly production jobs and solved the issues related to their abort state.
* Responsible for INDIANA and SC State’s encounter submission process.
* Monitoring and fixing the issues related to the tasks related to the submission process.
* Automated the manual steps involved in production jobs.
* Reviewed the deliverables of peer group

**Environment :** Informatica 9.1, Microsoft SQL Server 2008, UNIX, Flat Files, Teradata 13 , Workload Manager (WLM), Control – M, Tivoli

**Dell - India Lead-Senior Software Developer** **Jan ‘10- Feb’12**

**APEX – IV Data Validation**

**APEX – IV Data Validation** is phase II of ISPR3 supplemental data conversion project**.** The objective is to fix the bugs and validate the supplemental data against BO reports and extracts. There are few telecom and non-telecom datasets to be migrated to the warehouse as part of this project.

**SA\_OPE\_OmnitureIntegration\_DDW**

Dell implemented Omniture Site Catalyst to utilize the latest, state of the art online data capture technology and provide global access to online data via the Omniture tools: Site Catalyst, Data Warehouse, Genesis, Excel plug-in, Click map, and Discover.

The “SA\_OPE\_OmnitureIntegration\_DDW” project was initiated to provide Dell with [www.dell.com](http://www.dell.com) traffic data from Omniture into the Dell Data Warehouse, updated on a daily basis, with a preliminary load of 15 months of data initially, and maintaining 15 months of data going forward

**ISP R3 Supplemental Data Conversion**

ISPR3 evolved as part of Dell’s initiative to centralize all the reporting needs to improve agent’s performance.

There are 23 source applications such as email, call, chat, escalation Management. The objective of this project is

To bring 2 years of data from the audit (Oracle) and the daily incremental data from actual Sources SQL Server and

flat files to the Teradata base layer.

**Responsibilities :**

* Participated in sessions with Business SMEs in understanding the source applications both from Business and Technical Aspect. The Data included both from internal application systems and data files procured from external vendors.
* Worked close with Data Modelers to understand and verify required tables, fields and data in different schemas and databases.
* Created the list of activities and objects for development in excel.
* Captured the business transformation logic applying excel functions for validation.
* Maintained the tracker of work breakdown in the form using excels sub totals and array functions.
* Captured the result of runtime of one load against the no. of runs required for the history loads using the excel formulas.
* Used concept of staged mapping in order to perform asynchronous **Web Services** request and response as part of Informatica Mappings
* Designed the ETL process for extracting data from **heterogeneous source systems**, transform and load into Teradata warehouse
* Extracted data from various source systems like **Oracle** and **flat files** as per the requirements and loaded it to Teradata using **FASTLOAD, TPUMP** and **MLOAD**
* Extensively used key transformations like **source qualifier, aggregator, filter, joiner, Update Strategy, Unconnected and connected Lookups, Router, Sequence Generator, normalizer and SQL transformation**.
* Used **informatica mapping debugger** in debugging some critical mapping by setting breakpoints and trouble shot the issues by checking sessions and workflow logs.
* Created **reusable transformations, sessions and worklets** in the workflows.
* Developed web services workflows using informatica
* Created **UNIX shell scripts** and called them as pre session and post session commands
* Validated the OLAP data warehouse data with BOBJ reports
* Performed bulk data load from multiple data source (**ORACLE 9i, SQL Server and Flat files**) to **TERADATA RDBMS** using **Fastload, Multiload and TPump**.
* Created macros in **TERADATA SQL Assistant for populating the stage tables.**
* Tuned performance of Informatica session for large data files by increasing block size, data cache size, sequence buffer length and target based commit interval.
* Wrote complex macros in Teradata to capture dell websites traffic data key metrics.
* Created **UNIX shell scripts** and called them as pre session and post session commands.
* Task assignment and monitoring the work progress of a 6 member team
* Prepared and Executed the Test Cases during **Unit testing** and provided extensive support to QA in System, **Regression** and **UAT** (user acceptance testing) and deployment of mappings.
* Worked with the EST lead in activities related to code migration from development to test environment.
* Involved in Dell’s deployment process for code migration. Follow Change Management Control processes, **CAB & CRRB** Checklist for deployment
* Developed the **UNIX shell** scripts to send out an **E-mail on success** of the process indicating the destination folder where the files are available.
* Prepared training materials and presented to both the operational and Business teams.
* Reviewed documents like STM (Source to Target mappings) with Data Analyst, Test Plans with EST, and Production Support documents with the Maintenance Team.
* Configured sessions in a job and scheduled them through control - m job scheduler
* Worked in a time boxed environment and the team completed all deliverables including code and documentations on or before the timeline, in all three phases of this project.

**Environment :**Informatica 8.6.1/9.5, UNIX, Oracle 11g,Microsoft SQL Server 2008, Flat Files, Teradata 13/12,Control M

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Mind TreeLimited Associate ConsultantOct’06- Dec’09**

**Oracle Corporation, India Senior Applications DeveloperDec’08- Dec’09**

Oracle Fusion BI

Oracle Business Intelligence Applications support over a dozen different functional areas with complete, pre-built, best-practice analytics, and a rich set of KPIs, metrics and analytic workflows. By accessing data from across the enterprise and delivering deep insight directly to business users, Oracle Business Intelligence Applications enable faster and more informed decisions that help the organization optimize resources, reduce costs, and improve the effectiveness of front-and -back-office activities ranging from sales to human resources (HR) to procurement. Oracle BI Fusion is Oracle’s future release of business intelligence applications which will have oracle’s high end tech stack of tools such as set up and configuration manager, ODI 11g for ETL and OBIEE 11g Negril for reporting.

**Responsibilities :**

* Owned the responsibility of creating ETL for **OBIA Supply Chain ManagementSCM** procurement data model
* Analyzed Oracle eBiz Applications for purchasing module and converted functional requirements to technical requirements
* Data Analysis and validations are captured in excels
* Detailed pivot summary tables of purchasing attributes are documented
* Analyzed new functional/reporting requirements and worked closely with the various application teams and business teams to understand anddesign the ETL procedures for the new release
* Participated in meetings and functional/technical trainings required for the **OBIA Fusion** release. Acquired knowledge of the supply chain management business domain and oracle’s EBS applications
* Worked on the Bug fixing of the earlier 796x releases using **Oracle Data Integrator (ODI)**
* Analysed logical and physical design requirements for the purchasing facts and dimensions
* Implemented physical and logical (**BMM Layer) rpd**design for purchasing facts, dimensions and new reporting metrics using **Oracle Business Intelligence Enterprise Edition (OBIEE)**
* Created **SDE** (Source Dependent Extracts) mappings **using informaticapowercenter transformations** to populate stage tables
* Developed **SILO** (Source Independent Loads) mappings using **MAPGEN** utility to load the purchasing **fact and dimension**tables as per requirement for the Negril version
* Ensured the reporting layer design is tested whenever there is a new build for **OBIEE**.
* Prepare test cases based on functional scenarios and generate sample test case reports
* Documented extensively all the design considerations as per Oracle corporate standards
* Used Oracle DAC for configuring the schedule of the execution plan.
* Reviewed code of team member
* Verification of functional specifications and review of deliverables

**Environment:** Informatica 8.6.1, MAPGEN, Oracle 11g, Oracle Data Integrator(ODI) 11g, Oracle Business Intelligence Enterprise Edition (OBIEE) Negril version, Oracle Business Intelligence Applications- OBIA, - Data warehouse Administration Control DAC Windows XP.

**Procter & Gamble- Impact PGP Senior Software Developer Sep’08- Dec’08**

The Objective of this project is toanalyse the performance of PnG products with the competitor’s data.

The competitor’s data are sourced from different third party vendors in the form of text files. These files

country wise are consolidated and transformed as per business requirements and loaded to the warehouse.

**Responsibilities :**

* Coordinated with Business Users to understand business needs and implement the same into a functional Data warehouse design
* Contributed in the design activities and assisted in analyzing the tool feasibility(Informatica) for business requirements
* Created dynamic excel reports creating links where users need to key in the respective geography and the reports are automatically refreshed based on the current data.
* Used the excel functionality to connect to the database from excel.
* Worked on Informatica Power Center and created **Informatica mappings** with PL/SQL procedures/functions to build business rules to load data.
* Used extensively**Source qualifier, Aggregators, lookups, Filters & Sequence generators.**
* Created **sessions and batches** to move data at specific intervals & on demand using Workflow Manager.
* Used Informatica Power Center **Workflow manager** to create sessions, batches to run with the logic embedded in the mappings.
* Developed calculated **measures** and assigned **aggregation levels** based on **dimension hierarchies**.
* Worked with **mapping parameters and variables** to load data from different sources to corresponding partition of the database table
* Used **shortcuts** to reuse objects without creating multiple objects in the repository and inherit changes made to the source automatically.
* Followed Informatica recommendations, methodologies and best practices.
* Involved in **Unit and System Testing** of ETL Code (Mappings and Workflows).
* Worked closely in setting up the environment for various file transfer activities between the systems using SFTP as the file transfer protocol.
* Developed PLSQL procedures for the business requirements.
* Document the entire ETL process and testing.

**Environment :** Informatica 8.6.1, Oracle 10g, UNIX.

**Brocade Communication Systems Senior Software Developer** **Aug’08- Sep’08**

**RUGBY Data Warehouse**

RUGBY Data Mart is an initiative to source the data pertaining to the Brocade Customer Support into a Data Mart and generate reports out of it which will provide the BROCADE managers an insight about the performance of the TSEs and the support group as a whole. The current REMEDY system, out of which lot of reporting is done, will be de-commissioned in the near future and the new source for the Customer Support data will be the Oracle Teleservices system.

**Responsibilities:**

* Understanding the source system and project architecture.
* Analyze the business requirements, existing systems & participate in internal team meetings to determine actions for the respective assignment.
* Designed, Developed and tested **Informatica Mappings, Transformations, Mapplets, Sessions, Tasks, Workflows, worklets, SQL queries** to implement **complex business rules**.
* Designed reusable objects like **mapplets** & **re-usable transformations** in Informatica PowerCenter 8.5.1/7.1.
* Most of the transformations were used like the **Source Qualifier, Aggregator, Lookup, Router, Filter, Sequence Generator, Expression, Joiner** and **Update Strategy.**
* Created **Parameter files** and **validation scripts**
* Created complex **SQL queries** are used for data retrieval.
* Used**SQL ANALYTIC** functions like lag, lead for calculating the time between the different statuses in their source applications.
* Involved in the system testing and documentation of the ETL development design and testing.

**Environment :** Informatica 8.1.1, Oracle 10g, SQL,PL/SQL, TOAD, Windows XP

**Burger King Miami, FL Team Lead Nov’07- Aug’08**

Global Data Warehouse

Global Data warehouse is an extension to existing data warehouse. This project originated as a request from the Performance Analysis team to provide daily/weekly/monthly sales information by top line/daypart/service mode/ menu item from the EMEA region as currently available for the US. The existing Data Warehouse of BKC does not have sales data at the lowest level of granularity (ticket level data). This limits the business users to do sales and profitability analysis. The objective is to design and build a system to collect summary and ticket level data from BK restaurants on a standard POS System to fulfil current and anticipated reporting needs.

**Responsibilities :**

* Understanding the source system and architecture.
* Design and development of ETL specifications and code.
* Development of PL/SQL procedure for KRAs as per the business requirements.
* Coordinating with the offshore team during the project tenure
* Creation of test plan, test strategy and test approach.
* Created Test scripts, Traceability Matrix and mapped the requirements to the test cases
* Used HP quality centre for testing
* Involved in the system integration testing.
* Conducted peer design and code reviews and extensive documentation of standards, best practices, and ETL procedures
* Used oracle explain plan feature to identify the query execution cost and tuned the queries based on the oracle optimize plan for good query performance
* Involved in identifying the performance Bottlenecks on source, target, mapping, session and successfully tuned them to increase session performance as wells as **Oracle views**.
* Interaction with various other teams for setting up of servers and databases
* Task assignment and monitoring the work progress of a 3 member ETL development team
* Assist project manager in estimation, planning, tracking schedule, team management, change management and other life cycle processes

**Environment:** Informatica 8.1.1, Oracle 10g,SQL PLSQL, Business Objects5.x, Autosys, Windows XP

**Franklin Templeton Technologies Senior Software Engineer**  **Oct’06- Oct’07**

**EW Data Validations Planning**

The Performance Measurement Application (PMA) is the key data repository and processing tool used by the Performance department to produce investment return and portfolio information on Franklin Templeton’s products for a wide variety of downstream systems and users. This planning phase involves data validations that should be performed on the data that flows out of PMA to Enterprise warehouse

**FT PMA Institutional Group Extracts**

The Performance Measurement Application (PMA) is the key data repository and processing tool used by the Performance department to produce investment return and portfolio information on Franklin Templeton’s products for a wide variety of downstream systems and users. The objective of this project is to create stored procedures to generate Accounts/Benchmark Return extracts for Institutional Information Group and used by ICR system.

**Responsibilities:**

* Understanding the source system and architecture
* Involved in the ETL Design as per business requirements
* Transformed the business requirements into high level technical requirements
* Developed ETL routines using Informatica Power Center and created mappings involving transformations like **Lookup**, **Aggregator**, **Expressions**, **update strategy**, **connected** and **unconnectedstored procedures, SQL overrides** usage in **Lookups** and source filter usage in Source qualifiers and data flow management into multiple targets using Routers
* Created, Tested and debugged the **Stored Procedures, Functions, Packages, Cursors** and triggers using TOAD
* Created file extracts to the downstream application and business users as reports
* Prepared unit test cases, conduct unit testing and generate test case reports
* Prepared a detailed design document on the flow of the requirements and proposed solution

**Environment:** Informatica 7.1.1, Oracle 10g/9i, TOAD, SQ,PLS/ANSI SQL

### Education

#### Master of Computer Applications – (MCA)

#### University of Madras, Chennai, – India

#### BSC Computer Science

#### University of Madras, Chennai, - India