**Latha**

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**SUMMARY**

* Around 7 years’ experience in IT with about 5 years’ experience in Data Warehousing based applications on UNIX, Windows.
* Strong knowledge on OLAP systems, **Kimball** and **Inmon** methodology and models, dimensional modeling using **Star** and **Snowflake** schemas.
* Involved in the data analysis for source and target systems. Experienced in integration of the various data sources such as Oracle and various types of flat files.
* Project is about building a Health benefits exchange for facilitating Obamacare mandate.
* large-scale enterprise class solutions in the areas of E-Business, Knowledge Management, Business Intelligence
* Extensively worked on transformations such as **Source Qualifier, Filter, Joiner, Router, Expression, Aggregator, Lookup, Update Strategy, Sequence Generator, Rank and Sorter transformations.**
* Expert in **performance tuning**, clearing performance bottlenecks at various levels like sources, targets, mappings, sessions and databases.
* Technical proficiency in handling **RDBMS databases**. Particularly using Oracle 8i/9i/10g.
* Experience using **SQL Server,** **SQL, PL/SQL, SQL\* Loader, SQL\* Plus, Import/Export utilities on UNIX, WINDOWS /XP/2000.**
* Experience using **Repository Manager, Source Analyzer, Target Designer, Mapping Designer, Transformation Designer, Mapplet Designer, Workflow Manager and Workflow Monitor using ETL tool Informatica.**
* Experience in using **Talend Open Studio for Data Integration,Talend MDM for Big Data.**
* Involved in identification of **facts, dimensions** and hierarchies for OLAP models.
* Expertise in creating Mappings and Workflows. Experience in preparing and running Sessions/tasks, Workflow and Batch processes in Workflow Manager.
* Extensive experience working in UNIX environments. Very good skills at **Shell, Perl Scripting**.
* Pro-active, Self-motivated and responsible person with excellent interpersonal communication skills and proven Track record of quality deliveries.

**Technical Environment:**

**Etl Tools: Informatica PowerCenter 9.1/8.6, Power Exchange,** **RDBMS**, **Talend MDM for Big Data,**

**Talend Open Studio for Data Integration 5.1.**

**Data Modeling Tool:** Erwin

**Operating System:** Windows NT /XP /2000 /98 /95, UNIX, MS- DOS, Z/OS

**Programing Languages:** Core Java, C++, Visual Basic, COBOL

**Data Bases:** Oracle 9i/10g, DB2, Sybase, Teradata

**Database Utilities:** SQL, SQL\*Loader, PL/SQL (Stored Procedures, Functions,

Packages, Triggers, Exception handling)

**Scripting:** Shell, AWK, Perl

**Job Schedulers:** **Autosys, Control-M**

**EDUCATION/TRAINING/CERTIFICATION**

* 2005 - Master in Computer Applications
* Bachelor of Computer Science

**WORK EXPERIENCE**

**Jun 2012 – Present**

**Deloitte Consulting, Camp Hill, PA**

**WA Health Benefits Exchange**

**ETL Talend Developer**

**Environment:**

**Talend Open Studio 5.1, Talend MDM, Oracle 10g, Toad 8.5.1, Unix, shell scripting, Unix Cron scheduling and SQL developer.**

**Description:**

**WA HBE** Project is about building a Health benefits exchange for facilitating Obamacare mandate. WA state Health dept. has the health data of certain individuals it already services, which has to be merged into the exchange for HBE to be a complete single service going forward. The Data from health dept. (ACES) is sourced in flat files periodically, which are converted into HBE compatible format and loaded to RDBMS(oracle). Talend Open studio is used to achieve the conversion.

**Responsibilities:**

* Gathering requirements for feeding the Health Exchange DB.
* Solely responsible for designing and developing the transformation process. Used Talend Open Studio for Transformation.
* Involved in designing and developing the database for the business division of Creative Eye at Focus for effectively managing manufacturing processes.
* Worked on tFileInputPositional, tFlowToIterate, tMap, tFilterRow, tUniqueRow components of Talend to validate, extract and convert the data from the positional file.
* Configured **context variables, global variables** for customizing the flows and setup cron jobs.
* Worked on **Data Model, Data Container** for creating entities, attributes and store the values in the Data Container.
* Worked on **Event-driven management** by creating a workflow using process and trigger options.
* Developed custom processing components in Java and embedded them into Talend flow. This helped develop good understanding of the Talend code generation.
* Worked with main, iterate, reject, OnSubjobOk, OnComponentOKand otherflow control components to control the transformation flow.
* Extensively used **Traces/Java Debug** to debug the errors, and analyse the flow. This helped understanding Talend framework.
* Loaded data to Oracle DB with Talend’s Oracle components.
* The Transformation solution developed is very robust and have good exception management, error logging and mail notifications.
* Contributed significant design inputs for dimensional db schema design. Looking forward for a role involving db design responsibilities.

**Jan 2011 – Jun 2012**

**Morgan Stanley, New York, NY**

**People and Project Management**

**ETL developer**

**Description:**

The main aim of the project is to build a data warehouse to track and process the project effort that are generated from a web application. These are used by other internal applications for tracking effort and cost. The data warehouse is queried by other applications for summarized data. This warehouse was mostly for the benefit of tracing R&D costs in the organization. This project uses various technologies and demanded fast adaption to new technology as needed. Morgan Stanley offers some of the world’s best financial products. Various reports were generated using **Business Objects**.

**Responsibilities:**

* Involved in gathering business requirements from End users.
* Analyzed the functional specs provided by the data architect and created technical specs documents for all the mappings.
* Developed a number of complex mappings, Mapplets and reusable transformations for data loads that follows the user requirements and business rules.
* Actively involved in analyzing and **data profiling/data cleansing/purging** the source data to load into target tables.
* Extensively worked with various **active** and **passive** transformations like Source qualifier, Filter, Router, Sorter, Lookup, Expression transformations and different tasks like email, command, decision, event wait, and event raise tasks by using workflow manager.
* Identifying and tracking **slowly changing dimensions** and implemented in complex mappings.
* Involved in debugging the failed mappings and developing error-handling methods.

**Environment:**

**Informatica Power Center 9.1,8.6/8.1, Oracle 10g, SQL, Toad 8.5.1, Developer, Unix and shell scripting.**

**Jan 2010 – Oct 2010**

**Constellation Energy, Baltimore, MD**

**Price Discovery & Reporting**

**ETL Developer**

**Description:**

Constellation Energy is a leading competitive supplier of power, natural gas and energy products. This project is about, finding the optimal prices for the various product offerings. Competition data from various other suppliers is sourced in from partner organizations, and is converted and stored to Data warehouse for reporting purposes. Informatica Power Center suite is used for the conversion. Various reports were generated using **Business Objects**.

**Responsibilities:**

* Requirements procurement: Worked with business personnel, Data Modelers to understand the source to target mapping documents, the structure of the tables, target schema definition.
* Designed mappings using Filter, Expression, Aggregator, Joiner, Sorter, Rank, Source Qualifier and Router transformations.
* Designed complex mappings to load data into target using **Connected Lookup, Unconnected Lookup, Update Strategy, and Sequence Generator transformations.**
* Created Mapplets to reuse all the set of transformations in Mapplet Designer.
* Worked with SQL Override in the Source Qualifier and Lookup transformations.
* Created Workflows and Sessions for each mapping that we are extracting from Source Systems to Staging areas, Staging areas to target.
* Performed Unit testing on the Informatica code.
* Used **pmcmd** to run the workflow, get the session statistics.
* Created **parameters and variables** for the reusable sessions.
* Used UNIX shell scripting for processing flat files to move them onto the server and importing as the source and for merging the data.
* Participated in the enterprise Performance tuning of Informatica for Sources, Targets, Mappings and Sessions.
* Worked with DBA group to resolve performance.
* Used **Informatica Scheduler** to schedule the Workflows.

**Environment:**

**Informatica Power Center 9.1, Sybase,** **SQL Server, Oracle 10g, Toad 8.5.1, SQL, Unix and Shell scripting.**

**Oct 2008 – Dec 2009**

**Wachovia, NC**

**Business Intelligence in Banking**

**ETL developer**

**Description:**

The project was to develop an Enterprise Datawarehouse to implement a centralized database that collects, organizes and stores data from different data marts like Accounts, Deposits and Loans to provide a single source of integrated and historical data for the purpose of reporting, analysis and decision support and also to improve the client services. Business users can see five years of historical monthly snapshot data on every account. Various reports were generated using **Business Objects**.

**Responsibilities:**

* Worked with source system developers and business owners to identify data sources for defining data extraction methodologies.
* Analyzed the source data, made decisions on appropriate **extraction, transformation, and loading strategies.**
* Handle slowly changing dimensions of Type II to populate current and historical data to dimensions and fact tables in the data warehouse.
* Designed and developed various mappings, sessions and workflows to extract data from flat files, Oracle sources and load to Oracle and flat files.
* Worked on fine tuning the existing mappings for better performance.
* Used Workflow monitor to monitor tasks, workflows and also to monitor performance.

**Environment:**

**Informatica Power Center 8.1, Oracle 9i, SQL Server, SQL and UNIX.**

**May 2007 – Aug 2008**

**Unilever, Armonk, NY**

**Cash Management System**

**ETL Consultant**

**Description:**

Unilever has raw material vendors all over the US, EU and APAC regions. Given the nature of the business, Unilever has to deal with many small vendors ans so it needs a strong cash management system to handle large number of small partners.Vendors interact with the cash management application to do the transaction for the payment release and approval process for the orders that vendor places. The project involves mainly of End of Month Consolidations.

**Responsibilities:**

* Used Informatica tools including Repository Manager, Designer, Workflow Manager and Workflow Monitor.
* Created Reusable Transformations and Mapplets to use in multiple mappings.
* Designed and developed various mappings, sessions and workflows to extract data from flat files, Oracle sources and load to Oracle and flat files.
* Used Workflow monitor to monitor tasks, workflows and also to monitor performance.
* Worked on tuning the existing mappings for better performance.
* Performed **unit testing**, performed tuning of SQL queries.

**Environment:**

**Informatica Power Center 7.1, Oracle 9i, SQL Server 2000 and UNIX**

**Dec 2005 – Apr 2007**

**ICEIL TECHNOLOGIES, BANGALORE, INDIA**

**Creative Eye**

**Oracle Developer**

**Description:**

Iceil is a leading Software Solutions and Services Provider in the Global Market, providing Business Solutions and High-End Technology based services to its customer base in USA, Europe, Nordic and Asia with on-site, off-site and off-shore development models. Focus delivered many large-scale enterprise class solutions in the areas of E-Business, Knowledge Management, Business Intelligence, etc., using cutting edge technologies and re-usable frameworks.

**Responsibilities:**

* Involved in designing and developing the database for the business division of Creative Eye at Iceil for effectively managing manufacturing processes.
* Designed and developed database views and stored procedures.
* Maintained user roles and privileges at the database level. It involved enrolling users, maintaining the system security, controlling and monitoring user access.
* Used SQL to extract the data from the database.
* Worked with Development Life Cycle teams.
* Wrote **Stored procedures, Stored functions, Packages and used Forms and Reports**
* Wrote **database triggers** for automatic updating the tables and views.
* Designed and developed forms and reports.

**Environment:**

**Oracle, Oracle Forms 5.0/4.5, Reports 2.5, SQL, PL/SQL, Windows NT/98/95, SQL Navigator, Erwin3.5, and UNIX**

Name: Latha

Experience: 7+ yr

Location: PA

Availability: Immediate

Visa: H1B