**Ashwini Jawagi**

**PROFESSIONAL SUMMARY:**

* About 6+ years progressive design and development experience in **Data Warehousing** & **Business Intelligence** technologies.
* Experience with Business Requirements Analysis, Design, Development and Implementation of Database structures, ETL processes/ routines in various Data Warehouse Environments.
* Good record in planning, building, and managing successful large-scale Data Warehouse and decision support systems.
* Implemented **Slowly Changing dimensions** Type 1, Type 2, and Type 3 methodology for accessing the full history of accounts and transaction information.
* Vast experience in Designing and developing complex mappings from varied **transformations** logic like Unconnected and Connected lookups, Source Qualifier, Router, Filter, Expression, Aggregator, Joiner, Update Strategy etc.
* Experience in **Debugging** and **Performance** Tuning of targets, sources, mappings and sessions.
* Extensively worked in Relational Databases like DB2, Oracle and SQL Server 2005
* Experience in developing logical, Physical **data model** and its implementation.
* Extensive experience in writing **SQL** queries and **PL/SQL** Stored Procedures, Functions, Packages, Database Triggers, Exception Handlers, Database Objects and Collections, by using PL/SQL
* Strong knowledge of **Data Warehousing** methodologies and concepts, including star schemas, snowflakes, ETL processes, dimensional modelling and reporting tools
* Experience in debugging mappings. Identified bugs in existing mappings by analysing the data flow and using debugger.
* Developed Reports in **OBIEE** and business objects based on user requirements.
* Ability to handle multiple tasks and to work independently as well as in a team, experienced in interacting with Business/Technology groups.
* Multi-talented with **excellent communication** skills, strong decision making, organizational, coordination, planning, and execution skills

**TECHNICAL SKILLS:**

Database : Oracle 11g/10g/9i, SQL Server 2008/2005, DB2, Teradata

Data Warehousing : Informatica Power Center 9.5/9.1/8.6.1/8.1, Informatica Power Exchange 8.x/7.x

Programming Languages: SQL, PL/SQL, C, C++, Java, XML, UNIX Shell Scripting

Tools : Erwin 8.2 & 7.3, MS Visio, Oracle SQL Developer, Toad, DAC

Operating System : Windows 7/Vista/XP/2000/NT/98/, Linux

**EDUCATION:**

* Bachelor’s in Computer Science from JNTU University, AP, India.
* Master’s in Computer Science, USA.

**Client: Amplifon, Plymouth, MN**

**August 2013 to Present**

**Role: Informatica Developer**

Amplifon USA was established in 1999 as a subsidiary of Amplifon S.p.A., the worldwide leader in the hearing health care industry for over 65 years. Amplifon USA supports the global mission to help people with hearing problems rediscover what it means to live life to its fullest through solutions based on individual needs and that guarantee complete satisfaction. Amplifon USA serves the diverse needs of North America through three unique and independent brand channels.

**Responsibilities:**

* Interacting with business users for requirement analysis and to define business and functional specifications.
* I have been involving in Designing and developing Informatica Mappings and Sessions based on user requirements and business rules to load data from sources involving **XML files , flat files and RDBMS tables** to target tables.
* Experienced in Parsing high-level design specs to simple ETL coding and mapping standards.
* Designed Mapping Document, Detail Design Documents, Install and Release documents which is a guideline to ETL Coding.
* Involved in designing the mappings between sources and targets and also tuned them for better performance
* Worked on transformations like **Connected** and **Unconnected** Lookups, Aggregator, Expression, Joiner, Update, Router and Sequence generator.
* Implemented **Slowly Changing Dimensions** - Type I & II in different mappings as per the requirements to maintain current information and history information in the dimension tables.
* Developed a number of Complex Informatica Mappings, Mapplets and Reusable Transformations for other mappings.
* Developed and scheduled Workflows using task developer, worklet designer and workflow designer in Workflow manager and monitored the results in Workflow monitor.
* Developed **complex SQL** Scripts to meet the business requirements.
* Worked on different tasks in Workflows like sessions, events raise, event wait, decision, e-mail, command, worklets, Assignment, Timer and scheduling of the workflow.
* Used workflow Manager for Creating, Validating, Testing and Running the sequential and concurrent Batches and Sessions, and scheduled them to run at a specified time.
* Used mappings parameters and variables for code reusability.
* Wrote PL/SQL stored procedures using **Toad**.
* Did **performance tuning** at source, transformation, target, and workflow levels.
* Assisted in installing Power Center on Client for Development, Test and Production Environments.
* Migrated mappings, workflows from one environment to another environment (Lower to Higher).
* Tuned Informatica mappingsandsessions for better performance using various strategies based upon the analysis performed.
* The performance is monitored and relative steps are taken to enhance the performance**.**
* Provided technical assistance by responding to inquiries regarding errors, problems, or questions with programs/interfaces.
* Worked closely with the business users to make sure that business requirements are correctly translated into design and ultimately into the Reporting tools.
* Created Mock up reports as business requirement to validate the reporting requirements
* Developed reports using Business Objects and OBIEE reporting tools

**Environment:** Informatica Power Centre 9.5/9.1, SQL Developer, Power Exchange, Oracle 11g, Teradata, Flat files, Toad, Business Objects, OBIEE.

**Client : CHFS Frankfort, KY**

**May 2012 to August 2013**

**Role: Informatica developer**

**Responsibilities:**

* Participated in Requirement Gathering, Business Analysis and User meetings, discussing the issues to be resolved and translating user inputs into ETL design documents.
* Participated in Technical feasibility discussions, Peer reviews and in unit testing.
* Worked extensively on different types of **transformations** like Source Qualifier, Expression, Java Transformation, Aggregator, Router, filter, Update strategy, look up, Normalizer, stored procedure.
* Involved in star and slow flake schema designing with Kimball methodology to develop data marts for various modules.
* Designed and developed Informatica **Mappings** and **Sessions** based on user requirements and business rules to load data from source to target tables.
* Involved in Designing Logical and Physical Database Designing using ERWIN Tool.
* Implemented various dimensional modeling concepts such as causal dimensions, degenerate dimensions, conformed dimensions and facts.
* Written and modify SQL override in many mappings according to business requirements
* Involved in Sql scripts Macros, stored procedures in Teradata to implement business rules.
* Involved in creating and managing **global** and **local repositories** and assigning permissions using Repository Manager. Also **migrated repositories** between development, testing, QA and production systems.
* Designed and developed **UNIX Shell scripts** to report job failure alerts.
* Extracted data from mainframe **COBOL** files converted to files and MQ Series data to XML format using Informatica Power Exchange.
* Created project status reports for senior management.
* Designed and developed **UNIX shell scripts** as part of the ETL process to compare control   
  totals, automate the process of loading, pulling and pushing data from & to different servers.
* Involved in Unit testing, System testing and **UAT** to check data consistency
* Extensively used the **debugger** in Informatica Power Center Designer to debug and fix any logical errors in the connections between the transformations in the mappings.
* Involved in unit testing to find whether the business rules are applied correctly.
* Created reports using OBIEE reporting tool.

**Environment**: Informatica Power Center 8.6, power, Informatica Power Exchange, oracle 10g, SQL server, OBIEE, UNIX

**Client-: BB&T Bank, Greenville, NC**

**January 2010 to May 2012**

**Role: Informatica developer**

BB&T Corporation is an American Bank offering full-service commercial and retail banking services along with other financial services like insurance, investments, retail brokerage, mortgage, corporate finance, consumer finance, payment services, international banking, leasing and trust. BB&T has an existing Risk data mart. This BI solution is to capture data elements related to loan origination and charge-off recovery.

**Responsibilities:**

* Worked with the Business analysts and the DBA for requirements gathering, business analysis, testing, and project coordination.
* Worked cooperatively with the team members to identify and resolve various issues relating to Informatica and other database related issues.
* Imported data from various Sources and loaded to Target database, created Transformations using Informatica Power Center Designer (Source analyzer, Warehouse developer, Transformation developer, Mapplet designer, and Mapping designer).
* Involved in designing the ER diagrams, logical model (relationship, cardinality, attributes, and, candidate keys) and physical database (capacity planning, object creation and aggregation strategies) in Oracle as per business requirements using **ERWIN.**
* Used **workflow manager** for session management, database connection management and scheduling of jobs.
* Created parameter files for imparting flexible runs of **sessions / mappings** based on changing variable values.
* Developed customized routine (ETL system) to capture and load data from external (Oracle 8x, Flat files) data sources into Oracle database.
* Implemented **performance tuning** logic on targets, sources, mappings, sessions to provide maximum efficiency and performance.
* Supporting daily loads and work with business users to handle rejected data.
* Used shell **scripts** to pre-process data in **UNIX.**
* Used version control to check in and checkout versions of objects.
* Worked on SQL tools like **TOAD** to run SQL Queries to validate the data
* Used to model and create target Warehouse, extract data from multiple data sources, transform the data to make it Accessible to business analysis, and loading target data marts.
* Maintain Development, Test and Production mapping migration Using Repository Manager.

**Environment**: Informatica Power Center 9.0., SQL Server, Oracle 11g, UNIX, Flat files, Windows XP professional, Erwin.

**Client- VIA.Com, Banglore India**

**August 2008 to January 2010**

**Role: Junior Informatica developer**

**Responsibilities:**

* Interacted with business analysts, architects and application developer to analyze the data model and gathered the requirements
* I have been involved in creating fact and dimension table implementation in **Star Schema** model based on requirements.
* Designed and developed new mappings in Mapping designer and sessions and workflows in Workflow manager and modified existing ones to extract data from SQL Server, Excel, and Flat files and load to Oracle database as per business requirements.’
* Design, Development and implementation of ETL Informatica Mappings. Design, Development and implementation of **data load** and **data validation** processes using PL/SQL, SQL
* Developed parameter file templates and used parameters, variables to make mappings more flexible, also developed shell scripts to automate the process
* Used Informatica as the ETL for extracting data from the flat files on UNIX platform and transforming the data according to the target database and performed loading.
* Checked session and **error logs to troubleshoot problems**, and also used debugger for problem troubleshooting
* Involved in extensive **performance tuning** by determining bottlenecks at various points like   
  targets, sources, mappings, sessions or system. This led to better session performance
* Identifying bugs in existing mappings by analyzing the data flow, evaluating transformations and fixing the bugs so that they conform to the business needs
* Ensuring projects meet their schedules, milestones, deliverables and those deliverables meet quality requirements
* Scheduled workflows for daily, weekly and monthly loads.
* Providing status on a weekly basis to the team.
* Unit tested the mappings and responsible for production support as well.

**Environment**: Informatica Power Center, Erwin, SQL Server, Oracle 9i, UNIX.