**Thanmayee .N**

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**Objective**

To pursue a highly rewarding career, seeking for a job in challenging and healthy work environment where I can utilize my skills and knowledge efficiently for organizational and personal growth.

**Experience Summary:**

* 4 years of experience working as Data Modeler/Data Analyst, ETL/SQL Developer
* Overall IT experience of 4+ year, working in Manufacturing Domain.
* Have worked extensively in Data Warehousing.
* Also experienced in database management, requirements gathering, analysis and implementation of the requirements.

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| **Organization** | **Position** | **Tenure** | **Experience** |
| American International Group (AIG) | Design & Devmt IT Tech Analyst I | June 2014 – August 2016 | 2+ years |
| Anvizent Analytics Pvt Ltd | Lead Engineer | August 2016 – Present | 2+ years |

**Professional Summary:**

* **4**+ years of professional experience in data modelling and ETL developer as a Proficient in gathering business requirements and handling requirements management.
* Experienced in designing the Conceptual, Logical and Physical data modelling.
* Good in system analysis, ER Dimensional Modelling, Database design and implementing RDBMS specific features.
* Experience in modelling with both OLTP/OLAP systems
* Good in Normalization / Demoralization techniques for effective and optimum performance in OLTP and OLAP environments.
* Having good experience with Normalization (1NF, 2NF and 3NF) and Denormalization techniques for improved database performance in Data Warehouse.
* Well-versed in designing Star and Snowflake Database schemas pertaining to relational and dimensional data modeling.
* A good expertise in Extract Transform and Load (ETL) data from spreadsheets, database tables and other sources using Talend and DataStage
* Good working knowledge of Meta-data management in consolidating metadata from disparate tools and sources including Data warehouse, ETL, Relational Databases and third-party metadata into a single repository to get information on data usage and end-to-end change impact analysis.
* Having experience in writing complex SQL queries to perform end-to-end ETL validations and support Ad-hoc business requests.
* Efficient in analyzing and documenting business and functional.
* Experience in data transformation, data mapping from source to target database schemas.
* Experience on Connected and Unconnected transformations like tMap, tMYSQL,tDB2, tFileInput, tLog, tOracle, tProgress, tFileCopy, BulkLoads, Aggregator components, Merge components, DB and Data Warehouse components
* Worked exclusively on implementing the types of Slowly changing dimensions (SCDs)-Type I, Type II, Type III and Type IV mappings.
* Implementing custom Calendars as per client requirement Eg: 4-4-5 Calendar
* A good familiarity and experience in the work environment consisting of Business analysts, Production/Support teams, Subject Matter Experts, Database Administrators and Database developers.
* Excellent problem solving and analytical skills with exceptional ability to learn and master new technologies efficiently

**Technologies and Tools**

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| **Data Modeling Tools:** | DBDesigner Fork |
| **Databases** | Composite(Cisco Information Server) – Data Virtualization, Oracle and DB2 SQL Developer Microsoft SQL Server 2000/2005, MySQL, Oracle, DB2,Postgress,MS Access, DB Visualizer, TOAD SQL, SSM, |
| **ETL Tools** | DataStage 9.1, Talend |
| **Programming Languages** | SQL, PL/SQL |

**Work Projects**

**WDS Dashboard Phase I and II(AIG) Role: Developer, Testing**

* The objective of this project is to provide senior level executives a view of the AIG global head count in order to measure workforce distribution. It will deliver a QlikView dashboard to which CIS virtual view is the source.
* CIS virtualization layer is created to provide the WDS HR data required for the underlying applications.
* The data is exposed through the universally usable CIS views containing necessary data elements in support of identified consuming applications.

**Domain**: Data Virtualization, DataVisualization (Dashboarding/Reporting)

**Technologies used**: CISCO Information Server (CIS) – Composite, PL/SQL scripting, DBVisualiser and Oracle SQL Developer for testing.

**WDS Integration Phase I and II(AIG) Role: Developer, Testing**

* Aim of this project was to design a solution that facilitates a seamless transition between data sources.
* Develop a design pattern that is easily extended and allows for re-usable code thereby reducing time to market and development costs
* CIS serves as an abstraction layer that will provide a consolidated way to access data universally across the Admin applications irrespective of the data sources.

**Domain**: Data Virtualization

**Technologies used**: CISCO Information Server (CIS), PL/SQL scripting, DBVisualiser and Oracle SQL Developer.

**VFA IT Funding(AIG) Role: Developer, Testing**

* Aim of the project was to create an automated feed of 100% of all account suitability and trade transaction data to an external compliance system (using Cisco Information server tool, CIS) and provide a compilation of data in a format for upload to share point (Using Datastage).
* Integrate and virtualize data from heterogeneous data source system (Oracle, .csv, Access DB) using CIS
* Datastage jobs that will access the virtualized Views and extract the required data in required format

**Domain**: Data Virtualization, ETL

**Technologies used**: CISCO Information Server (CIS), PL/SQL scripting, Datastage

**IAM Integration(AIG) Role: Developer, Testing**

* IAM group has a need to receive Employee Worker data from Workday and Contingent Worker data to consolidate the worker population of data. In order to accomplish this, the request involves the use of Datastage to perform data extractions from the worker sources

**Domain**: ETL and Web Service

**Technologies used**: Datastage

**I-Hub - Information Hub(AIG) Role: Developer, Testing**

* The project was built over CIS PL-SQL scripting where a user is given access to employee profile confidential data depending upon the employee's role and scope in the organization.

**Domain**: Data Virtualization.

**Technologies used**: CISCO Information Server (CIS), PL/SQL scripting, DBVisualiser and Oracle SQL Developer for testing.

**ERP and API Integration (Anvizent)**

**Description:** Designing the generic Data Model that can be used by any ERP to have a graphical picture of their business through Dashboards.

**Domain**: Manufacturing, CRM, Finance

**ERPs:**

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| --- | --- |
| **DB Integration** | AX 2009, AX 2012, AX Navision, Epicor 9, Epicor 10, Sage 100, Sage 200, Sage 300, Syspro 5, Priority(12,15,17,18), Accumatica, ERP +One, Royal4System, E-Biz, PocketNurse, E-Z MRP, Minautor, Odoo, ProfitKey |
| **API Integration** | Exact API, Skuvault API, KeyedIn, Priority 18 |

**Responsibilities:**

* Getting the requirements, KPIs or Reports from the clients. Analyzing the KPIs and designing one generic data model for multiple Enterprise Data Warehouse (ERPs).
* Implementing Logical and Physical data modeling with STAR and SNOWFLAKE techniques
* As part of creating database designs, we follow a process where we first create the conceptual data model, logical data model and then finally end with a physical data model. Each type of model is used for a purpose, where a conceptual model will be used to capture the true business relationships of the entities of enterprise and used to converse with business.
* Having very good experience with Normalization (1NF, 2NF and 3NF) and De-normalization techniques
* Writing queries (Full load, delta load and Historical load) to fetch the data from ERP. Validating the data across the tables
* Performance tuning the queries.
* ETL jobs for data loading, transformation, enrichment, linking and reconciliation of data from source systems
* Creating Dimensional Models on top of Legacy Source systems (Operational data Store), Creating Dashboards on Power BI to Embedded in Application for our business users.
* Implement slow changing dimension to store historical data.
* Creating Mapping document, Solution design document to understand the data to load from Source to Target

**Education**

**B.E in Computer Science August 2010 - May 2014**

National Institute of Engineering (NIE) - Mysore

CGPA: 9.25

**Pre University Education (12th grade) June 2009 - March 2010**

VijayaVittala PU College, Mysore

Percentage: 88.33

**SSLC (10th grade) June 2007 - May 2008**

VijayaVittalaVidyashala School – Mysore

Percentage: 95.84

**Work Accomplishments**

* “Spot performer award” in AIG for excellent performance in converting Business rules to Application logic and delivering work to clients in time.
* Certified DB2 SQL Developer.
* Trained in CISCO Information Server (CIS) – Composite tool used for Data Virtualization using PLSQL scripting.

**Extra-Curricular Accomplishments**

* Have wont 1st place in District Level Throw ball
* Participated in State Level Throw ball tournament.

**Personal Details**

**DOB**  : 15-05-1992

**Address**  : Door No.1246, 11th cross, E and F Block, Ramakrishna Nagar, Mysuru

I declare that the above information is true and correct to the best of my knowledge and belief.

**Thanmayee N**