**Vigneshpandi Marimuthu**

*Software Engineer @ HTC Global Services*

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**PROFESSIONAL SUMMARY**

* Having 5.2 years of experience in **ETL Informatica 9.6.1 and IBM Datastage 11x** Development, testing and support and also knowledge in Database & Data warehousing, Star schema modeling and Snowflake modeling proficiency in Data warehousing techniques such as **slowly changing dimension**.
* As a Consultant, I have responsibility of reading & analyzing what a business wants to accomplish with its data, and design the best possible ETL process around those goals.
* A **HIPAA** (Health Insurance Portability and Accountability Act) trained associate with domain experience in Healthcare and Insurance and working on Agile based development.
* I am a part of designing and creating the data warehouse and all related to **ETL "Extraction, Transformation and Load"** process.
* I have an excellent technical and analytical skills with clear understanding of design goals of ER modeling for **OLTP** and dimension modeling for **OLAP**.
* Have knowledge on Reporting tool **IBM Cognos Report studio**
* Have knowledge and worked with **SQL, PLSQL and good exposure in writing complex queries.**
* Have Knowledge on writing **Unix Shell Scripts, Python**

**EXPERIENCE :**

* Extensively worked on **ETL Informatica and Datastage**, Designed **Informatica** Mappings & Workflows and **Datastage** parallel jobs & sequencer jobs for extraction and Data integration and Loading process
* Used informatica mapping transformations like update strategy, Router, Filter, Normalizer, Expression, Lookup (Connected & Unconnected), Joiner, Aggregator, Sequence generator, Rank, Sorter and etc..,
* Using Datastage parallel processing Stages like Transformer, Change Capture, Data Set, Sort, Remove Duplicates, Filter, Funnel, Join, Lookup, Modify, Merge, Copy, Aggregator, Pivot, etc..,
* Using Column/Row generator, Peek, Head, Tail stages to debug the Jobs.
* Implemented **Hybrid SCD Type 6 (Type 1+2+3)** in Informatica.
* Extensively worked on **IBM Cognos Report studio** to develop Reports from green plum database.
* Implemented **SCD Type 2** in Python scripting
* Have knowledge on creating oracle objects like Table, View, Index, Sequence, Synonym, GTT, Procedures, Functions, Packages etc..,
* Given sessions to my co-workers on **Oracle PLSQL** Internally.

**Technical Skills:**

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| --- | --- |
| **ETL** | Informatica 9.6.1, Datastage 11x |
| **Databases** | Oracle 11g/10g, MS SQL Server, Greenplum |
| **Programming** | SQL, PLSQL |
| **Scripting Language** | Unix Shell Script, Python |
| **Reporting** | Cognos Report Studio |

**Professional Experience:**

* Working as a Software Engineer in HTC holdings, Chennai from June 2018
* Worked as Technical Consultant in Perficient, Chennai from Jan 2018 to May 2018
* Worked as Associate Technical Consultant in Perficient, Chennai from Jan 2016 to Jan 2018

**ACADEMIC:**

|  |  |  |
| --- | --- | --- |
| **Specialization** | **From** | **Percentage/CGPA** |
| BE Aeronautics | Hindusthan Institute, CBE | 7.3 CGPA |
| Higher Secondary | Jothi hr sec school, Madurai | 82.5% |
| SSLC | Jothi hr sec school, Madurai | 93.2% |

**Project Experience:**

**Project #1 – AMFAM HTC Holdings**

**Client** : American Family Insurance

**Role** : Software Engineer (ETL Developer).

**Project Environment** : Informatica, Oracle, Greenplum

**Project Type**  : Enhancement/Defect Fixing and Development.

**Duration** :June 2018 – Till date

**Industry** : Insurance.

**Team Size** : 3 members

**Description:**

American Family Insurance is an insurance company which provides property, auto and health insurance products in the United States. In which we work on complete re-design and development of CLUE & Medicare applications and fixing the bugs reported by users by enhancing the existing code. We have Oracle and Greenplum as the main database and Informatica for Data integration/Warehousing

**Responsibilities:**

As a Developer involved in the following

* Involving in development of Informatica mappings and also modifying the existing mappings.
* Involving in Analysis of Functional/Business Requirements and design the Technical specifications docs for development phase
* Analyzing the issues assigned and provided the solution to fix
* Involving in creation of mappings to load the data from ODS layer to CSA layer & from CSA layer to ADL layer
* Working closely with autosys team to hold any jobs/mappings if any history process is planned
* Working on Validating the incoming files, transformed based on the business requirement & loaded into Greenplum DB
* Using JIRA and tfs for Issue tracking and Project management

**Project #2 – DTCC Perficient**

**Client** : DTCC

**Role** : Technical Consultant (ETL/Cognos Developer).

**Project Environment** : IBM Cognos Report studio, Informatica , Greenplum

**Project Type**  : Data Integration, development and Reporting.

**Duration** :June 2017 – May 2018

**Industry** : Financial.

**Team Size** : 5 members

**Description:**

DTCC has been providing services to promote the stability and certainty of global financial markets for over 40 years. As a global financial services leader, DTCC proactively develop solutions to secure today’s marketplace, while shaping the future of our industry.

We are developing reports using IBM Cognos Report studio to make user to understand the data in better way. Informatica is an ETL tool used for Data warehousing to load the data into Greenplum Database.

**Responsibilities:**

As a Developer involved in the following

* Involved in ETL process and analyzed existing mappings/workflows if any issue arises
* Involved in Analysis of Functional/Business Requirements and design the Technical specifications docs for development phase
* Worked on Validating the incoming files, transformed based on the business requirement & loaded into Greenplum DB
* Involved in Design and Development of Complex Reports using IBM Cognos Report Studio
* Validated the reports to fulfill the business requirement & working on Green plum database to verify data between Report and DWH
* Development of Complex Report Studio Reports using IBM Cognos 10.2.0/10.2.1 Report Studio, Design reports with Multiple Complex queries, Joins, Unions and diff prompts, Calculations and Filters, designed SQL based reports.
* Involved in maintenance of existing reports (Bugs, New features)
* Used JIRA for Issue tracking and Project management

**Project #3 – MABX Perficient**

**Client** : BCBS MI

**Role** : Associate Technical Consultant (ETL Developer).

**Project Environment** : Initially the ETL tool was **IBM DataStage 11x**, later they have finalized **Informatica 9.6.1** as major tool for ETL Process

**Project Type**  : Data Integration and development.

**Duration** :Jan 2016 – Apr 2017

**Industry** : Healthcare.

**Team Size** : 7 members

**Description:**

MABX(Medicare Advantage in a Box) is a system built for a leading Health care provider (Blue Cross Blue Shield Michigan) in the United states where the existing application was replaced with the new application pertaining to Healthcare model incorporated from a leading Claim processing organization. IBM Unified Data Model for health was used as the dimensional model, Oracle & MS SQL server as the database and Informatica & IBM Datastage for Data Integration/Warehousing (ETL).

**Responsibilities:**

As a Developer involved in the following

* Involved in development of Informatica mappings and Datastage jobs
* Involved in full development cycle of planning, analysis, design, development, testing and implementation
* Validated the incoming file with their specification
* Processed the healthcare EDI files such as 835, 837, 276, 277, 999 etc..,
* Involved in loading the processed claims in the transactional database
* Initially started with analyzing the stored procedures in Oracle and SQL Server for extracting the existing business logic
* Used JIRA for Issue tracking and Project management

**Publications:**

* Delving into web service through ODI - Perficient Blog – August 2016
* HTML Report Generation from Database in Unix - Perficient Blog – November 2016
* Hybrid SCD (Type 6) implementation in Informatica - Perficient Blog – November 2016
* Looping implementation in Informatica - Perficient Blog – February 2017
* Processing Flat files in Oracle - Perficient Blog – March 2017
* SCD Type-2 Implementation in Python - Perficient Blog – March 2017
* How to Establish an Amazon Redshift Connection in DataStage - Perficient Blog – June 2017

**Certifications:**

HIPAA -Privacy Rule for Business Associates – March 2016

Python 101 from BigData University – March 2017

**Interest:** BigData, Python, AWS

**PERSONAL DETAIL:**

Father Name : C.Marimuthu

Date of Birth : 27-07-1994

Passport Number : N0897416, Valid 07-07-2025

Language known : English, Tamil

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