




## ANJALI KRISHNA GOPI

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### ETL ARCHITECT / DEVELOPER

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#### PROFESSIONAL SUMMARY:

- **Over 11 years of professional IT** experience with emphasis on **ETL process, Business Intelligence, Business requirement analysis, Data warehousing, Data modeling, Data integration and Data Migration.**
- Involved in Architecting ETL solutions, Data Analysis, Systems Design, Testing, and Implementation of complex data warehouses/data Marts in various domains such as **Retail, PBM, LIFE INSURANCE and Manufacturing Industries.**
- **Eleven (11) years** of excellent experience of building data solutions ,using **Informatica 10.1/9.x/8.x/7.1** (Power Center ), informatica cloud IICS ,Oracle 10g/9i/8i, Oracle utilities & tools (SQL Plus, PL/SQL, TOAD), MS SQL server, Netezza, Greenplum, xml flat files, flat files, Data marts etc. in Unix and Windows environment.
- Extensive experience in supporting ETL applications with issues, enhancements, through **JIRA and Confluence**
- Extensive experience in working in water fall model and agile model of project implementation.
- **One (1) years of Data Modeling experience** including Data Modeling, Meta Data Modeling using Erwin 5.1, Star Schema/Snowflake modeling, FACT & Dimensions tables. Physical & logical data modeling. In-depth understanding of fundamental data warehouse concepts such as Dimensional modeling, star and snowflake schemas, Data marts and deployment.
- **One (1) years of Business Intelligence** experience using **MicroStrategy 10**, for developing dashboards, metrics, sub reports and performance tuning in queries/views. Also used PQE, subquery type, Metrix index
- Extensive experience in Data Integration / Data Migration applications, solely responsible for the Extraction, Transformation & Loading of data from multiple sources into Data Warehouse using Oracle 11g/10g/9i, MS SQL Server 2018, Greenplum, Netezza, DB2 8.1
- **Extensive experience in Oracle PL/SQL** using packages, procedures, functions, debugging, exception handling. Expertise in Oracle concepts like indexes, partitioning, explain plan, optimizer hints etc.
- **Extensive experience in T-SQL** using packages, procedures, functions, debugging, exception handling. Expertise in T-SQL concepts like Clustered indexes, partitioning, SQL profiler etc.
- **Extensive experience in developing UNIX shell scripts** to execute ETL processes as well as executing database queries, stored procedures etc. and to ftp files from one server to another.
- **One (1) year of experience with developing Aws applications** using python scripts using boto3 and instance store profile. Used S3, lambda, load balancers, security groups, API gate ways, EC2, elastic beanstalk, CloudFormation templates for building **AWS** solutions
- **One (1) year in using the spark APIs** to process the large big data sets using csv, pipe delimited, Avro, parquet files and hive tables.
- Proven ability to work efficiently in both independent and teamwork environments. Energetic and perseverant self-starter known for exceeding goals and objectives.
- Experience in AGILE methodology including SCRUM, Sprint planning, etc.
- Capable of rapidly learning new technologies and processes, and successfully applying them in projects and operations.
- Excellent communication and interpersonal skills with the ability to work independently as well as in a team.

**EDUCATION:**

- Bachelor of Engineering (B.TECH.) in Electronics and communication Engineering, Apr 2008 CUSAT India

**CERTIFICATION:**

- Aws certified developer -2020 July
- BIG Foundation level IBM -March 2017
- Informatica power center developer specialist -2014

**TECHNICAL SKILLS:**

ETL Tools	Informatica PowerCenter 8.1/8.6/9.1/10.1, DVO, INFORMTICA DATA ANALYST, informatica cloud IICS
BI Tools	MicroStrategy 10.X
RDBMS	Oracle 10g/11g, MS SQL Server 2018, Greenplum, Netezza, DB2 8.1.
Big Data	Spark
Database Tools	TOAD, Oracle SQL Developer 17.3, SQL profiler
Languages	Oracle PL/SQL, SQL Plus, Shell Scripting, Python
Operating Systems	Unix, windows
Workload Automation tools	Control-M, Tivoli, (Autosys), maestro, tidal
Cloud	AWS
Database Modeling tools	Erwin 5.1

**PROFESSIONAL EXPERIENCE:****CVS Health Inc., Woonsocket RI USA  
ETL Architect/Developer****OCT 2019 – Till Date**

CVS Health is a one-of-a-kind health care company that helps patients get the care they need through the channel that works best for them. The MIS Retail group is responsible for building the Customer Data into the Epic, which will create a central source of data that will be leveraged by the Accordant team to help create a more personalized experience for our customers. Data from different systems across CVS will be centralized into an MS SQL SERVER environment that will be used by the business for modeling and reporting.

- Involved in gathering of business scope and technical requirements and technical specifications of customer data migration.
- Conducting the knowledge transfer session with business users to create the functional document.
- Involved in all phases of software development life cycle (SDLC).
- Developed complex mappings in Informatica to load the data from various sources using different transformations like Source Qualifier, Look up (connected and unconnected), Expression, Aggregate, Update Strategy, Sequence Generator, Joiner, Filter, Rank and Router transformations.
- Fine-tuned existing Informatica mappings for performance optimization using pushdown optimization, concurrent run method, partitioning, persistent cache mechanism in lookups.
- Involved in capturing slowly changing dimensions of all varieties including type-I, type-II and type-III.
- Extensively used ETL to load data from flat files, XML files and MS SQL database.
- Analyzed existing system and developed business documentation on the changes required.
- Adjusted the Data Model, in aligned with business requirements and SQL scripts to create and alter tables.

- Scheduled and monitored automated weekly jobs under UNIX environment using Tivoli and control-M.
- Involved in the Unit testing and System testing of the processes.
- Handled the migration process from development, test and production environments using SVN
- Handled the warranty support and UAT support for business users.

**Environment:** Informatica 10.1 power center, Control-M (minute clinic applications), Tivoli(accordant), Unix, MS SQL server, T-SQL, SVN

**CVS Health Inc., Chicago IL USA**  
**ETL Architect/Developer**

**OCT 2018 – OCT2019**

CVS Health is a one-of-a-kind health care company that helps patients get the care they need through the channel that works best for them. The PBM REBATES team is responsible for calculating, processing payment and reconciling the rebate amount for the Prescription drugs. As a part of this project CVS integrated Anthem clients into their rebate processing for prescription drugs.

- Understanding the architecture of the existing REBATE solution application for plugging in Anthem data
- Involved in gathering of business scope and technical requirements and technical specifications of Anthem integration to CVS Rebates Model.
- Involved in all phases of software development life cycle (SDLC).
- Developed complex mappings in Informatica to load the data from various sources using different transformations like Source Qualifier, Look up (connected and unconnected), Expression, Aggregate, Update Strategy, Sequence Generator, Joiner, Filter, Rank and Router transformations.
- Fine-tuned existing Informatica mappings and database queries for performance optimization using db partitions and parallel session processing.
- Involved in capturing slowly changing dimensions of all varieties including type-I, type-II and type-III.
- Extensively used ETL to load data from flat files, XML files, Teradata tables and DB2 database.
- Analyzed existing system and developed business documentation on the changes required.
- Worked with Data Architect to the Data Model, in aligned with business requirements and SQL scripts to create and alter tables.
- Scheduled and monitored automated weekly jobs under UNIX environment using Tivoli and control-M.
- Involved in the Unit testing and System testing of the processes.
- Handled the migration process from development, test, and production environments using
- Handled the warranty support and UAT support for business users.

**Environment:** Informatica 10.1 power center, maestro, dimensions, unix, DB2, shell script, serena dimensions

**CME GROUP. CHICAGO, IL**  
**ETL Architect/Developer**

**JAN 2018 – OCT 2018**

CME Group Inc. is a global markets company. It is the world's largest financial derivatives exchange, and trades in asset classes that include agricultural products, currencies, energy, interest rates, metals, and stock indexes. The Info Source team is responsible for creating data mart for billing reports for customers who uses the CME platform for platform for trading.

- Involved in gathering of business scope and technical requirements and technical specifications of

CMED Billing.

- Involved in all phases of software development life cycle (SDLC).
- Developed mappings in Informatica cloud/informatica PowerCenter to load the data from on premise/cloud sources using different transformations like Source Qualifier, Look up (connected and unconnected), Expression, Aggregate, Update Strategy, Sequence Generator, Joiner, Filter, Rank and Router transformations into on premise oracle databases.
- Used RunAJob utility to invoke the IICS mapping task/synchronization task/replication task. Used Git-Hub integration to check-in and checkout the cloud mappings.
- Fine-tuned existing Informatica mappings in on premise and database queries for performance optimization using db partitions and parallel session processing.
- Involved in capturing slowly changing dimensions of all varieties including type-I, type-II and type-III.
- Extensively used ETL to load data from flat files, XML files, Teradata tables and ORACLE exadata database.
- Analyzed existing system and developed business documentation on the changes required.
- Worked with Data Architect to the Data Model, in aligned with business requirements and SQL scripts to create and alter tables.
- Scheduled and monitored automated weekly jobs under UNIX environment using Tivoli and control-M.
- Involved in the Unit testing and System testing of the processes.
- Handled the migration process from development, test, and production environments using
- Handled the warranty support and UAT support for business users.

**Environment:** Informatica PowerCenter 10.1/9.1, Informatica cloud, AWS S3 connector, Oracle SQL Developer 17.3, Oracle Exadata 12c, PL/SQL, SQL\*Plus, Linux, Shell scripts, UC4

**BLUE SHIELDS OF CALIFORNIA, ELDORADO HILLS, CA**  
**Senior Data Integration Engineer**

**APR 2017 – JAN 2018**

**Blue Shield of California** and its affiliates provide health, dental, vision, Medicaid, and Medicare health care service plans in **California**. The DATA MANAGEMENT Group responsible for creating a UI solution which calculates the Error amount associated with a claim transaction from care first and Blue shields claim submission to OPTUM.

- Involved in gathering of business scope and technical requirements and technical specifications of claim error amount.
- Involved in all phases of software development life cycle (SDLC).
- Developed complex mappings in Informatica to load the data from various sources using different transformations like Source Qualifier, Look up (connected and unconnected), Expression, Aggregate, Update Strategy, Sequence Generator, Joiner, Filter, Rank and Router transformations.
- Fine-tuned existing Informatica mappings and database queries for performance optimization using db partitions, parallel session processing and using worktables.
- Involved in capturing slowly changing dimensions of all varieties including type-I, type-II and type-III.
- Extensively used ETL to load data from flat files, EDI files, oracle database.
- Analyzed existing system and developed business documentation on the changes required.
- Worked with Data Architect to the Data Model, in aligned with business requirements and SQL scripts to create and alter tables.
- Scheduled and monitored automated weekly jobs under UNIX environment using Tidal
- Involved in the Unit testing and System testing of the processes.
- Handled the migration process from development, test, and production environments using

- Handled the warranty support and UAT support for business users.

**Environment:** Informatica PowerCenter 10.1/9.1, Oracle SQL Developer 4.1.3, Oracle Exadata 11g, PL/SQL, SQL\*Plus, Shell scripts, Jenkins, Sprint, java, tidal

## **PetSmart Inc, AZ ETL Consultant**

**OCT 2016 – APR 2017**

PetSmart Inc. is an American retail chain operating in the United States and Canada that is engaged in the sale of specialty pet animal products, such as food, furniture, habitats, and accessories, and services, such as dog grooming and dog training, boarding facilities, and daycare. The PetSmart business requires a business solution to generate reports on vendor compliance .

- Involved in gathering of business scope and technical requirements and technical specifications of Vendor compliance.
- Involved in all phases of software development life cycle (SDLC).
- Developed complex mappings in Informatica to load the data from various sources using different transformations like Source Qualifier, Look up (connected and unconnected), Expression, Aggregate, Update Strategy, Sequence Generator, Joiner, Filter, Rank and Router transformations.
- Fine-tuned existing Informatica mappings and database queries for performance optimization using db partitions, parallel session processing and using worktables.
- Involved in capturing slowly changing dimensions of all varieties including type-I, type-II and type-III.
- Extensively used ETL to load data from flat files, Netezza, oracle database.
- Analyzed existing system and developed business documentation on the changes required.
- Worked with Data Architect to the Data Model, in aligned with business requirements and SQL scripts to create and alter tables.
- Scheduled and monitored automated weekly jobs under UNIX environment using Tidal
- Involved in the Unit testing and System testing of the processes.
- Handled the migration process from development, test, and production environments using
- Handled the warranty support and UAT support for business users.
- Created MicroStrategy attributes/metrics, OLAP intelligent cubes ,dashboards and sub reports .Used Enterprise style guides to align with the standard of the organization.

**Environment:** NETEZZA, informatica, Tidal, Shell scripts, MicroStrategy. UNIX.

## **MAPFRE INSURANCE, WEBSTER, MA Senior Developer**

**Jan 2016 – OCT 2016**

Data Analysis, Design, Development and Testing of claim data.

**MAPFRE Insurance** is headquartered in Webster, Massachusetts ([link](#)), United States. It was founded in 1972 as the Commerce Group; it was acquired in 2008 by Mapfre S.A. MAPFRE Insurance writes property and casualty insurance in 19 states across the United States through a network of more than 4,200 independent agents and brokers. MAPFRE Insurance is the 19th largest provider of personal automobile insurance and the 20th largest personal lines insurer in the United States

The Enterprise data reporting team is responsible for reporting the average claims amount at headquarters level.

- Involved in gathering of business scope and technical requirements and technical specifications for policy, quotes, claims migration.

- Involved in all phases of software development life cycle (SDLC).
- Developed complex mappings in Informatica to load the data from various sources using different transformations like Source Qualifier, Look up (connected and unconnected), Expression, Aggregate, Update Strategy, Sequence Generator, Joiner, Filter, Rank and Router transformations.
- Fine-tuned existing Informatica mappings and database queries for performance optimization using db partitions, parallel session processing and using worktables.
- Involved in capturing slowly changing dimensions of all varieties including type-I, type-II and type-III.
- Extensively used ETL to load data from flat files, Greenplum, oracle database.
- Analyzed existing system and developed business documentation on the changes required.
- Worked with Data Architect to the Data Model, in aligned with business requirements and SQL scripts to create and alter tables.
- Scheduled and monitored automated weekly jobs under UNIX environment using Tidal
- Involved in the Unit testing and System testing of the processes.
- Handled the migration process from development, test, and production environments using
- Handled the warranty support and UAT support for business users.
- Mentored junior ETL developers and guided them in the whole ETL development life cycle.

Environment: Informatica PowerCenter 8.6/9.1, SQL Navigator 6.1, Oracle 11g/10g, SQL\*Plus, HP-Unix, Bash Shell scripts. Greenplum

### **Xerox Insurance, ElSegundo CA ETL Data Analyst**

**March 2015 – Jan 2016**

Data Analysis, Design and Development of data marts for PBM /CHDP application for California state

- Involved in gathering of business scope and technical requirements and technical specifications for CHDP program data migration and PBM member migration.
- Involved in all phases of software development life cycle (SDLC).
- Developed complex mappings in Informatica to load the data from various sources using different transformations like Source Qualifier, Look up (connected and unconnected), Expression, Aggregate, Update Strategy, Sequence Generator, Joiner, Filter, Rank and Router transformations.
- Fine-tuned existing Informatica mappings and database queries for performance optimization using db partitions, parallel session processing.
- Involved in capturing slowly changing dimensions of all varieties including type-I, type-II and type-III.
- Extensively used ETL to load data from flat files, oracle database.
- Analyzed existing system and developed business documentation on the changes required.
- Worked with Data Architect to the Data Model, in aligned with business requirements and SQL scripts to create and alter tables.
- Scheduled and monitored automated weekly jobs under UNIX environment using Tidal
- Involved in the Unit testing and System testing of the processes.
- Handled the migration process from development, test, and production environments using
- Handled the warranty support and UAT support for business users.
- Mentored junior ETL developers and guided them in the whole ETL development life cycle.

**Environment:** Oracle 11g, Informatica PowerCenter 8.6, Microsoft Excel 2010, Unix.

**Florida power lights., JUPITER, FL**  
**Senior ETL Consultant**

**Jan 2014 – Mar 2015**

Florida Power & Light Company, the principal subsidiary of NextEra Energy Inc., is a Juno Beach, Florida-based power utility company serving roughly 4.9 million accounts and 10 million people in Florida. It generates, transmits, distributes and sells electric energy. The Data engagement team is responsible for migrating the billing data from oracle to Greenplum.

- Involved in gathering of business scope and technical requirements and technical specifications for AMI billing program backend migration from oracle to Greenplum.
- Involved in all phases of software development life cycle (SDLC).
- Developed complex mappings in Informatica to load the data from various sources using different transformations like Source Qualifier, Look up (connected and unconnected), Expression, Aggregate, Update Strategy, Sequence Generator, Joiner, Filter, Rank and Router transformations.
- Fine-tuned existing Informatica mappings and database queries for performance optimization using db partitions, parallel session processing.
- Involved in capturing slowly changing dimensions of all varieties including type-I, type-II and type-III.
- Extensively used ETL to load data from flat files, oracle database.
- Analyzed existing system and developed business documentation on the changes required.
- Worked with Data Architect to the Data Model, in aligned with business requirements and SQL scripts to create and alter tables.
- Scheduled and monitored automated weekly jobs under UNIX environment using control-M.
- Involved in the Unit testing and System testing of the processes.
- Handled the migration process from development, test, and production environments using
- Handled the warranty support and UAT support for business users.
- Mentored junior ETL developers and guided them in the whole ETL development life cycle.

**Environment:** Greenplum, informatica PowerCenter 8.1, Informatica PowerCenter 8.6, Informatica Power Exchange, Unix Shell scripts, Control-M 6.

**Blue shields of Louisiana , Kochi, INDIA**  
**ETL Consultant**

**SEP2013 – Dec 2013**

- Worked with the Data Strategy and Operations (DSO) team to understand the requirements.
- Created the Technical Design document for the process.
- Developed the ETL process using tools like Informatica Designer, Workflow Manager and Workflow Monitor.
- Developed and tested ETL code using AGILE methodology including SCRUM, Sprint planning, etc.
- Unit testing of the ETL workflows.
- Wrote UNIX scripts to execute Informatica workflows and transferring data from one server to another (FTP).
- Coordinated with the QA team to do QA testing of the ETL process.
- Involved in creating migration requests to migrate the data from one environment to another.

**Environment:** Oracle 10g, SQL, PL/SQL, TOAD 9.7, IBM AIX 5.2, DOS commands, Informatica PowerCenter 8.1.1., informatica analyst

**LandMark data mart implementation, Kochi, INDIA**  
**ETL Consultant**

**Apr 2012 – SEP 2013**

- Worked with the Data Strategy and Operations team to understand the requirements of reporting
- Created the physical and logical models of the DataMart, using snow flex schema, designed staging tables, dimensions, facts, factlessfact, lookups and aggregate fact
- Created the Technical Design document for the process.
- Developed the ETL process using tools like Informatica Designer, Workflow Manager and Workflow Monitor.
- Developed and tested ETL code using AGILE methodology including SCRUM, Sprint planning, etc.
- Unit testing of the ETL workflows.
- Wrote UNIX scripts to execute Informatica workflows and transferring data from one server to another (FTP).
- Coordinated with the QA team to do QA testing of the ETL process.
- Involved in creating migration requests to migrate the data from one environment to another.

**Environment:** Oracle 10g, SQL, PL/SQL, TOAD 9.7, Unix, ERWIN, Informatica PowerCenter 8.1.1.

**Nike, Trivandrum, INDIA**  
**ETL Consultant**

**Mar 2009 – Apr 2012**

- Worked with the Data team to understand the requirements.
- Created the Technical Design document for the process.
- Developed the ETL process using tools like Informatica Designer, Workflow Manager and Workflow Monitor.
- Developed and tested ETL code using AGILE methodology including SCRUM, Sprint planning, etc.
- Unit testing of the ETL workflows.
- Wrote UNIX scripts to execute Informatica workflows and transferring data from one server to another (FTP).
- Coordinated with the QA team to do QA testing of the ETL process.
- Involved in creating migration requests to migrate the data from one environment to another.

**Environment:** Oracle 10g, SQL, PL/SQL, TOAD 9.7, unix, Informatica PowerCenter 8.1.1.XML flat file.