Ravi Kiran Popuri

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Experience Summary

IT professional with over 11 years of rich experience working in ETL space on Data Transformation, Data Migration and Data warehousing projects. Strong analytical skills combined with experience in areas of Project Management, Development and Implementation of ETL projects.

Profile

- Possess extensive experience on developing ETL strategies using Informatica Power Center 10.1/9.5/9.1/8.6/8.1, IICS, IDQ.
- Demonstrated expertise & skill in utilizing ETL tools like Informatica 10.1,9.6.1, 9.1, 8.x, IICS, IDQ, Vertica, Snowflake, Sql Server, Oracle, Teradata and DB2.
- Experience in various domains like Insurance, Finance, Biotech and Aviation.
- Experience in building Datawarehouse and data migrations involving on-premise tools like Informatica and cloud platforms like Snowflake, Vertica & AWS.
- Adept leader with cross functional skills across Project Management, Scrum Master & Data Analysis.
- Skilled in facilitating agile methodologies involving Sprint planning, Daily Scrum calls, Sprint retrospective, Burn-down charts using JIRA.
- Experience in Project Management tasks around Resource management, Opportunity creation, Budgeting, Deal pricing, SOW preparation for T&M, Fixed Pricing Contracts.
- Experience in working in an onsite-offshore structure and being a liaison between onsite and offshore teams.
- Involved in data modelling techniques like dimensional modelling for DW, Denormalization, Star schemas, Snowflake schemas using ER studio.
- Collaborated with architects on Clustering, auto-scaling, cloning, snow pipe, masking policies, external staging, transient tables in Snowflake.
- Good understanding on Data Visualization tools like Tableau, Data preparation tools like Alteryx and Insurance applications like Guidewire.
- Extensive experience and knowledge of the project lifecycle, including requirements gathering, development, test plans creation and deployment.
- Ability to work in groups as well as independently with minimum supervision and Initiative to learn new technologies and tools quickly.

Educational Qualifications

Degree	University
Master of Science	Texas A&M University, TX-USA
Bachelor of Engineering	JNTU, TS, INDIA.

Certifications:

- **Tableau Desktop Specialist**
- **Certified ScrumMaster (CSM) – Scrum Alliance**

- **OCA Certified – Oracle Certified Associate**
- **Scrum Fundamentals Certified (SFC) – SCRUMStudy**

Technical Skills

ETL Tools	Informatica 10.5/10.1/9.5/9.1/8.6/8.1(PowerCenter), IDQ 9.1, IICS, (Snowflake, Vertica with AWS)
Databases	Oracle 10g/9i, SQL Server 2012, MS SQL Server 2005/2000/7.0/6.5, DB2, Teradata
Cloud DB	Snowflake, Vertica, AWS S3, AWS IAM, Azure Data Factory
Languages	SQL, VSQL, PLSQL
Reporting Tools	Tableau, Alteryx, Business Objects 6.5/XI, Cognos 10/8, ROAMBI 4.3
Data Modelling	ER Studio 8.5, Erwin 4.5/4.0, MS Visio
Operating Systems	Windows 10/XP/2003/2000, UNIX, LINUX.
Others	JIRA, DBeaver, GitHub, Confluence, TWS Scheduler, DB Visualizer, TOAD, Salesforce Workbench, Putty, Edit Plus, Tidal Scheduling tool.

Professional Experience

Cypell   Feb'24-Current

Role: Data Analyst -- Life Insurance, Retirement & Annuities

TD Decommission entails sunsetting of the existing on-premise warehouse design and operations available on Teradata & Informatica by leveraging IICS & Snowflake on AWS.

Responsibilities:

- Understanding the current state system by performing source system study and existing ETL operations.
- Active role in analysing the current state Informatica PowerCenter mappings and bteq scripts from Teradata to understand the transformation logic.
- Creating the mapping documents with source, target and transformation logic for it to be a basis for development process using IICS and Snowflake.
- Created ETL Informatica Workflows, Sessions, Mappings, DB objects as part of BAU process on the on-premise application.
- Designed, Developed & Implemented ETL processes using IICS.
- Extensively worked on various transformations like Router, Aggregator, Expression, Joiner & lookup.
- Work closely with Data Architects in designing of the denormalized data model and coming up with a data lineage mapping.
- Liaised between Business teams and technical team as part of data validation.

Environment: Informatica PC 10.5, IICS, Teradata, Snowflake, Tableau, AWS s3, JIRA, GitHub, TWS, Jenkins.

Infosys   Jul'19-Mar '22

Role: Sr. ETL Informatica Developer – Life & Property Insurance

California Consumer Privacy Act enables consumers certain rights to know how their data is processed in terms of data sold to third parties, access to their personal data and requests made to delete personal data.

Responsibilities:

- Actively participated in requirement sessions, design specifications and getting sign-off from Business.
- Perform source system analysis for Acxiom, CIP and Tealium.
- Load data from multiple source systems to identify a golden record.
- Actively involved in Scrum meetings to prioritize work and create user stories.
- Actively involved in design and development of ETL pipelines using Informatica.
- Prepared test case scenarios and executed the scenarios.
- Performed Project Management tasks around Resource management, Opportunity creation, Budgeting, Deal pricing, SOW preparation for T&M, Fixed Pricing Contracts
- Actively involved and facilitated Scrum meetings to prioritize work, track and monitor work progress and address impediments using JIRA board.
- Liaised between Business teams and technical team as part of data validation.

Environment: Informatica PC 10.1, Teradata, JIRA, Confluence, TWS.

Infosys   May'18-Jun'19

Role: Sr. Informatica Developer –Investments & Financial Services

Portfolio Asset Liability Management System within the landscape of systems intends to eventually replace existing asset file creation process carried out with decades old in-house system that uses APL A-Programming Language and is used to curate the Portfolio data for Market Risk.

Responsibilities:

- Actively involved in Scrum meetings to prioritize work, track and monitor work progress and address impediments using JIRA board.
- Worked closely with the Business Analyst and the Architect in studying the Source Systems and performing the source system analysis.
- Fine-tuned transformations and mappings for better performance.
- Involved in debugging of mappings using Informatica Debugger.
- Prepared test case scenarios and executed the scenarios.
- Created ETL Workflows, Sessions, Mappings, DB objects as part of data loads.
- Liaised between Business teams and technical team as part of data validation.

Environment: Informatica PC 10.1, SQLServer Management Studio, JIRA.

Infosys   Jun'17-May'18

Role: Sr. Informatic Developer – Enterprise Risk Management

Project Description: Counterparty Reporting process is an application built for the MassMutual's Enterprise Risk Management team to build a Data Store for reporting purposes. Data from MassMutual's internal and external systems like Barings, Ashmore, EAGLE were integrated to build a robust application.

Responsibilities:

- Designed and developed the CP reporting system and worked as single point of contact between Business and Technical team.
- Actively participated in requirement sessions, design specifications and getting sign-off from Business.
- Built ETL process using Informatica PowerCenter, IDQ, SQLServer, Batch Scripts and TWS.
- Prepared test case scenarios and executed the scenarios.
- Worked closely with Change Control Board on change management process and change control as part of changes and migrations.
- Created ETL and batch jobs using TWS and oversaw production activities.

Environment: Informatica PC 10.1, IDQ 10.1, SQLServer Management Studio, TWS.

Infosys   Mar'16-Jun'17

Role: Sr. Informatica Developer – Credit Risk & Investments

The objective of the Credit Risk Analytics project is to identify, select and implement a platform to analyse the credit risk of MassMutual's General Investment Account. This application helps in identifying high default risk holdings within investment portfolio well in advance of a ratings downgrade.

Responsibilities:

- Actively participated in requirement sessions, design specifications and getting sign-off from Business.
- Built ETL process using Informatica PowerCenter, SQLServer, Batch Scripts and TWS.
- Extensively worked on various transformations like Router, Aggregator, Expression, Joiner, Source Qualifier, Lookup and Update Strategy.
- Worked closely with Change Control Board on change management process and change control as part of changes and migrations.
- Created ETL and batch jobs using TWS and oversaw production activities.

Environment: Informatica PC 10.1, IDQ 10.1, SQLServer Management Studio, TWS

Capgemini   Mar'15-Jun'15

Role: ETL Developer – Commercial Insurance

The specific project will enable Zurich's Commercial Broker to replace a number of legacy applications with a single BRM/CRM and sales system to streamline and improve core functions such as prospect/opportunity management, case management, sales/account planning and reporting. The integration work stream focuses on replacing the existing Siebel inbound and outbound interfaces to/from systems like COGEN, EDW, ARMS, IMS, ORION with salesforce interfaces using informatica.

Responsibilities:

- Creating design documents, implementation, unit and application test for new work orders.
- Developing ETL code in PowerCenter to load inbound and outbound informatica mappings containing flat files.
- Fine-tuned transformations and mappings for better performance.
- Involved in debugging of mappings using Informatica Debugger.
- Prepared test case scenarios and executed the scenarios.

- Created ETL workflows, sessions and mappings and prepared test case document for unit testing.
- Execution of SQL queries, as part of unit testing using Salesforce Workbench.

Environment: Informatica PC 9.5.1, Salesforce Workbench, Oracle 10g, Unix, Putty.

Capgemini   Period: Feb'13-Mar'2015

Role: Technical Lead – Property and Casualty Insurance

Project Description: The purpose of RCS data conversion was to migrate the current claims and related data to Guidewire Claimcenter application. Claimcenter will be new systems of record for Liberty Mutual Agency Corporation claims and shared contacts respectively. For migration only the commercial claims data sources are considered.

Responsibilities:
- Worked closely with the Business Analyst and the Architect in studying the Source Systems and performing the source system analysis.
- Analysed the business requirements and created the design documents like the low-level design document and flow diagrams using Visio.
- Worked on Informatica Developer IDQ tool and various transformations like Case Converter, Standardizer and Parser Transformations as part of development.
- Extensively worked on Performance tuning using transformations like Router, Aggregator, Expression, Joiner, Source Qualifier, Lookup and Union.
- Performed unit testing on the Informatica code by creating the test cases and self-reviewing the test cases followed by creating the UTR's.
- Closely worked with Guidewire Team to identify the potential threats and possibilities with respect to front end data projection.

Environment: Informatica PowerCenter 9.1, IDQ 9.1, Guidewire Claim Centre, Oracle 10g, DB Visualizer 8, Unix, Putty.

Capgemini   Period: Jun'12-Jan'13

Role: ETL Informatica Developer –- Pensions & Retirement Benefits

Worked on Pensions application which is a key business area for Aegon which is world's one of the frontrunners in life insurance. The scope of the application is to build a DataMart which contains the daily case information of the users and generate reports for control staff and managers which in turn helps them to keep a track about the work in progress and completed work.

Responsibilities:
- Analysed the business requirements and created the design documents like the low-level design document and flow diagrams using Visio.
- Extensively used Informatica 8.6.1 as an ETL tool to load data using Data-Vault architecture with Hubs, Links and Satellites.
- Extracted data from source systems and loaded them into Hubs, Links and Satellites in order to keep track of current and historical data.
- Created PowerCenter mappings, mapplets, sessions and workflows as per the business logic.
- Performed unit testing on the Informatica code by creating the test cases and self-reviewing the test cases followed by creating the UTR's and by running it in the Debugger and writing simple test scripts in the database, thereby tuning it by identifying and eliminating the bottlenecks for optimum performance.

Environment: Informatica PowerCenter 9.1, Oracle 10g, DB Toad 9.0.1, Unix, Putty.

Solutions Delivery Inc   Period: May'11-Mar'12

Role: ETL Consultant – Clinical Trials

The gRED Clinical Operations department manages the active Clinical Trial workload for Genentech. gRED Informatics had built and established an enterprise-level reporting system that integrates with necessary gRED-specific data. As there was no business process for reporting, gRED ClinOps had taken on the discovery and prioritization of existing or new reports before they are requested for development.

Responsibilities:

- Worked closely with the Business Analyst and the Architect in studying the Source Systems and performing the source system Analysis.
- Involved in full SDLC right form gathering requirements, Source System Study, designing, analysing, modelling, developing, testing and support implementation needed for loading and updating the data.
- Closely worked with the architect on ER studio known as Embarcadero in designing the logical and physical model of the Data Models and generating the Data Model Reports and DDL scripts.
- Executed database scripts for the staging and Datamart tables and also created the indexes and constraints.
- Worked on tuning of Informatica Mappings by creating pipeline Partitioning, thereby reducing the loading time and maximizing the performance.

Environment: Informatica PowerCenter 8.6.1, ER Studio 8.5, BOXIR3, ROAMBI 4.3, Oracle 10g, Toad 9.0.1, Unix, JIRA, Putty.

Tech Mahindra (Mahindra Satyam)   Period: Jun'10-Apr'11

Role: ETL Informatica Developer -- Aviation

GE CELMA is an aircraft engine facility that provides engine services to airline customers in Latin America, the United States and Europe. Worked on HR module pertaining to clock-in, clock-out and job vouchering.

Responsibilities:

- Extensively used Informatica 8.6.1 as an ETL Tool to load data from various heterogeneous sources like Oracle, SAP and Flat files into oracle tables using various transformations like Aggregator, Expression, Joiner, Source Qualifier, Interpreter Preparer and Lookup.
- Extracted and loaded data into SAP using Interpreter and Preparer Transformations for inbound and outbound processes.
- Extensively worked with various transformations like Aggregator Transformation, Expression Transformation, Normalizer Transformation, and Push down optimization, Filter Transformation, Joiner Transformation, Look up Transformation, Router Transformation, Source Qualifier Transformation, Update Strategy Transformation and Sequence Generator Transformation.
- Created Reusable Transformations (Joiner, Routers, Rank, Filter, Expression, and Aggregator), Mapplets and Mappings using Designer module of Informatica.
- As part of production support, worked on incidents identifying the root cause analysis, performed job monitoring.

Environment: Informatica PowerCenter 8.6.1, Oracle 10g, SAP, Flat Files, Erwin4.5, Toad 9.0.1, PLSQL Developer, Unix.