

# Paresh Jain – Data Architect- Insights & Data

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## Summary

- A result-driven business leader with over 25 years of experience in Azure Databricks/Delta Lake, Azure-Data Engineering, Big Data Solutions, Master Data Management, Reference Data Management, GDPR, Data Warehousing & Business Intelligence, Data Integration/migration Consulting Implementations & Strategic Assessments.
- Possesses hands-on experience in Architecting and implementing end-to-end solutions in the areas of Information management and Business Intelligence that includes Cloud based Data Solutions using Azure Databricks & Azure ADF, data integration (ETL), business intelligence(Power BI & Business Objects), Master data management, Reference Data Management, Data masking (Informatica TDM), Data Architecture, Data Modelling, Data Governance , Data Quality , Data Profiling.
- Executed multiple Fixed price and T&M projects in Onsite/Offshore model with responsibility for all phases viz RFP, Requirement gathering/Analysis, Planning, Budget management (top line & bottom line), Effort estimation, Resource Loading, Task Allocation & Monitoring, Risk Management, Solution Architecting and delivering the solution
- Proficient in activities of source data discovery, data profiling, cleaning and standardization, data mapping and gap analysis, with intended objective to enrich the data quality
- Liaise with technical, development and service delivery teams to articulate the customer journey and customer experience requirements
- Interact effectively at all levels and across diverse cultures.
- Wide experience in working with the clients from USA, Canada, UK, Philippines, Switzerland, Singapore , Saudi Arabia

## Skills

- Azure Databricks /Delta Lake (Pyspark+Spark SQL)
- Azure Cloud for Data Migration (using ADF, Python, ETL tools)
- Data Migration (Informatica, Datastage, Python)
- Master Data Management (Informatica MDM)
- Reference Data Management ( Informatica MDM)
- Data Obfuscation (GDPR) - masking Private Sensitive data
- Data Modeling ( ER Modeling & Data Vault Modeling)
- Greenfield Data Warehouse
- Data Analyst & Data Quality
- Hands on experience in ACCORD Insurance model

## Certifications

- “INFORMATICA DESIGNER “
- “COGNOS IMPROMPTU PRODUCT PROFESSIONAL”
- Certified Neo4j Professional
- Snowflake - “Hands on Essentials-Data Warehouse”

## Education

- MBA - Management Info Systems
- Engineering in Electronics & Communication

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## Key Engagements with current employer(Capgemini)

### A. Big Data Projects

- Drive POC's on Azure Databricks Delta Lake for feasibility and Architectural assessment
- A mini project in Delta Lake was done showcasing end to end Scenario involving data movement from ADLS to Azure Databricks using components like Cloud Storage/Cloud Dataflow/External/Managed Tables/Spark SQL/Pyspark
- Architected Data mapping flow and Data Transformation rules

### B. Delivery Manager

- As Delivery Manager, was managing 9 projects with revenue of 9 mln USD
- Handling team of 125+ Associates , spread across USA, Canada, Slovakia & India
- Manage Invoices, forecasts, CM improvement levers, Automation drives, Knowledge sharing sessions , Certifications & Trainings etc
- Involved in client management, RFP's, SOW's/CR's etc

### C. Data Migration on Cloud (using ADF)

- As project Owner, involved in Design and Development of Data Migration solution to Azure cloud
- Hands on experience in migrating on-prem data using Azure Cloud using Azure ADF

### D. Data Migration using Python as ETL

- As project Owner, delivered Data Migration solution from on-prem to Leasing product using Python
- Hands on experience in migrating data from various source to Leasing product using Python

### E. Implement MDM & RDM solution for PARTY domain for a Banking client

- Worked as Delivery lead and Business Analyst gathering MDM & RDM requirements.
- Involved in identifying the KDE's and setting up data governance process.
- Performed Data analysis, identifying Data anomalies and strategy for data enrichment
- Designed Data Model , ETL pipelines for loading data
- Defining the MDM reports, capturing before and after image of Merged data and historical changes of KDE's

### E. Data Warehouse implementation for APAC insurance client

- As Delivery Manager, involved in end to end implementation of data warehouse
- Architecting the DW data model, leveraging ACCORD model
- Defining one time data migration strategy (from multiple source) and real time data load. Architected ETL mapping for the same
- Effort estimation ,project plan, task allocation and task monitoring

### F. Master Data Management for Party & Security reference data

- As Project Owner, involved in Pre-sales activities and proposal preparation & presentation
- Aligned the scope with the timelines of the project, breaking the deliverables into multiple milestones to gain stake holders confidence
- Interacted with multiple vendors , shortlisting the vendor for sub-contracting work related to installation of the product
- Involved in Requirement gathering and architecting the solution (including third party integration)
- Owned delivery of end-to-end project till Production Roll out

### G. Data masking & DVO

- As Project owner, involved in Design & Development of Data Masking solution for multiple Applications
- Data Analysis, identifying the attributes containing NPPI data
- Defining the Data Masking rules for all NPPI elements

## Key Roles

- Big Data Architect on Spark/Databricks
- Azure Data Migration Architect
- Delivery Manager
- Techno\_manager
- Data Modeler
- Datawarehouse Architect
- ETL Architect
- Data Analyst

## Major Clients

### Banking & Financial services

- MUFG, LPL Financial
- BNPP , Associated Bank
- Royal Bank of Canada

### Insurance

- AIG, AIA
- Tokio Marine

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## Key Engagements with Previous employers

**Birlasoft Ltd : Sep 2010 to Feb 2012**

**Implement EDW solution for P&C insurance organization.**

- Responsible for the delivery of Enterprise data warehouse and Data Marts on Party, Claims, Agreement, Components etc business entities
- Requirement Gathering & Analysis
- Leveargded/Modified IIW Accord Model to implement EDW solution
- Architected ETL mappings for loading the Warehouse model and Interfaces
- Building a strong team of experienced data warehouse professionals.

**Wipro Ltd : Dec 2004 to May 2007**

**EDW Implementation for Payroll and HR –**

Responsible for the delivery of Payroll and HR enterprise data warehouse with major responsibilities as

- Planning the implementation of major Data Warehouse
- Task and Duration Estimating: create tasks and their sequence
- Risk Assessment and Risk Plan
- Technical presentation to client proposing different technical architecture to cater specific Business Requirements
- Handling of various personal issues of team members and hence allocating work in order to keep the schedule in line

**LTIL Ltd : Feb 2000 to Feb 2003 :**

- Online Trading & Investment Advisory – The project aimed to provide online trading of mutual funds for retail customers. The Investment Advisory application was the Wealth Management Application suggesting funds to invest in after performing health check of the clients. My responsibilities include requirement gathering, solution design, task allocation, mentoring etc.
- Online Trading – The project aimed to provide online trading of stocks in NSE and BSE for retail customers. My responsibilities include requirement gathering, solution design, task allocation, mentoring etc.

**IGATE Corp : May 2007 to Aug2010**

**Implement EDW solution for Re-insurer**

- Implemented End to End Enterprise Data Warehouse solution
- Responsible for Requirement Gathering, Source system analysis, Data Quality analysis and Implementation of the project
- Responsible for the delivery of Enterprise data warehouse and Data Marts for various subject areas based on Insurance Information Warehouse model
- Architected ETL mappings for loading the Warehouse model
- Building a strong team of experienced data warehouse professionals.

**Datamatics Corp : Feb 2003 to Nov 2004 :**

**Datawarehouse implementation for Surety Insurance**

- Responsible for architecting ETL for loading data from Source to EDW to Data Mart
- Leading a team of ETL developers for design and development activities
- Coordinating with Source SME's for Data enrichment, improvising data quality
- Preparing test data for performing Unit testing
- Coordinating with Business Users for User Acceptance testing

**Tata Unisys Ltd : Jun 1996 to Oct 1999 : Senior Software consultant –**

- Y2K Renovation – Executed 2 projects aimed to perform Y2K impact analysis and creating strategy for code renovation. As onsite coordinator, was responsible for all client communication, helping offshore team, support user acceptance testing etc