



# Jerome Rajan

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## Profile

A 31 year old ETL practitioner with over 9 years of experience in ETL Design, RPA and currently exploring the world of self-service BI with Tableau & Alteryx. Love to explore, innovate & constantly aspire to bring a "WOW" factor to every project. Have a passion for the stage.

## Technical Proficiency

<b>ETL Tool:</b>	IBM DataStage 9.x (E)
<b>Data Visualization:</b>	Tableau (I)
<b>Data Quality:</b>	IBM QualityStage 8.x (E)
<b>Mapping Tool:</b>	IBM FastTrack (B)
<b>RPA Tool:</b>	UiPath(I)
<b>Languages:</b>	PL/SQL (E)
<b>Databases:</b>	Oracle 11g, DB2
<b>Scripting:</b>	UNIX Shell Scripting (A), Python (I)
<b>Certification:</b>	IBM Certified DataStage Developer

Levels : B – Beginner, I – Intermediate, A – Advanced, E – Expert

## Work Experience

### Deloitte Consulting

Period: October 2013 – Current (56 months)

Position: Senior Consultant

Domain: Life Sciences & Health Care

### IBM India Pvt Ltd.

Period: July 2012 – October 2013 (15 Months)

Position: Data Specialist

Domain: Banking & Financial Sector

### Infosys Ltd.

Period: Dec 2009 – July 2012 (32 Months)

Position: Senior Systems Engineer

Domain: Banking & Financial Sector

## Summary:

1. IBM WebSphere DataStage 8.x (IBM Certified DataStage 8.1 Professional)
2. ETL design knowledge for Data warehousing with optimization skills in IBM DataStage.
3. Experience of designing ETL solutions using PL/SQL in Oracle.
4. Operational knowledge of Shell Scripting in UNIX and Python
5. Operational Knowledge of IBM WebSphere QualityStage and Oracle EDQ both Data Quality Tools.
6. I am a DataStage power user and have integrated data from XML, Flat Files, Db2 and Oracle using complex transformations, aggregations, joins and pivots.
7. I have experience working on RPA technologies like UiPath and have helped save hundreds of hours through robotic automation

## Education

University of Mumbai, Mumbai, India

Bachelor of Engineering in Information Technology

Batch of 2005-09

Graduated with First Class

## Interests

I love to explore and learn. I devote time to answering technical queries on public forums. If not an engineer, I would have become a teacher. Also, a quiz master with a quiz book to my name. I like dramatics and Public Speaking.

## Major Projects:

### 1. Insight Intelligence

**Client:** Pfizer, USA

**Duration:** 48 months (Ongoing)

**Team Size:** 4

**Technologies:** DataStage, PL/SQL (Oracle), UNIX, VBA, UiPath

**Roles and Responsibilities:**

- a. This project was commissioned to address the client's need for data flexibility during acquisitions, spin-offs and internal reorgs.
- b. Played the role of a DataStage SME.
- c. My role was to design a solution to give optionality while leveraging as much of the existing components as possible.
- d. This included redesigning DataStage jobs, introducing partitions into some key facts, re-designing the processes to enable parallel execution to remove bottlenecks and improve performance.
- e. Played a key role in ETL architecture design and data modelling.
- f. Developed a key business alerts framework that has helped streamline and centralize red flags and critical business alerts
- g. Developed an automated audit solution for user managed tables

### 2. PfIRE DDD Japan

**Client:** Pfizer, Japan

**Duration:** 7 months

**Team Size:** 5

**Technologies:** PL/SQL (Oracle), UNIX

**Roles and Responsibilities:**

- a. This ETL project was entirely hand coded using PL/SQL procedures and packages in Oracle.
- b. My primary role was an ETL PL/SQL developer building transformation and aggregation logic on top of the data warehouse.
- c. Due to the high emphasis on performance, worked significantly on SQL tuning.
- d. Wrote procedures to fulfil complex reporting requirements using SQL Analytic functions and concepts like the Partition Outer Join for data densification.
- e. Coded UNIX shell scripts to perform various oracle partition management and ETL housekeeping activities.
- f. Interacted with the Japan team and their Indian counterparts on a regular basis to transition the ETL design

### 3. Single Data Repository (SDR)

**Client:** Central Bank of India

**Duration:** 15 months

**Team Size:** 50

**Technologies:** DataStage 8.5, QualityStage 8.5, SQL, UNIX

**Roles and Responsibilities:**

- a. Played a pivotal role in the development of a Data Integration solution for the client. Was involved in several PoCs and architectural analysis and assisted in developing an ideal framework.
- b. Used QualityStage to standardize addresses using the new INDIA rule set. Performed data profiling to give a better understanding of the data issues existing in their legacy databases.
- c. Used DataStage 8.5 to source data from the core banking systems to the staging area and to Facts and Dimensions from there on.
- d. Performed complex transformations, aggregations and intensive joins to perform ETL.
- e. Pushed TETL to achieve huge performance gains.
- f. Sourced data from XML, DB2 and Oracle.

#### 4. Automated Referral Process (ARP)

**Client:** Citizens Bank, USA

**Duration:** 5 months

**Team Size:** 5

**Technologies:** DataStage 8.1, QualityStage 8.5, SQL, UNIX

**Roles and Responsibilities:**

- a. Sourced data from Salesforce.com to automate referral exchange between the bank and its partners.
- b. Performed history loads from 12 sources using a single RCP enabled job and a single looped master sequencer.
- c. Implemented true data quality checks and corrections using IBM QualityStage for the first time in our account.
- d. Created file extracts in both fixed length and delimited formats for external vendors from data pulled from Salesforce.com via an Integrator.

#### 5. Generic ID (GID)

**Client:** Citizens Bank, USA

**Duration:** 5 months

**Team Size:** 8

**Technologies:** DataStage 8.1, QualityStage 8.5, SQL, UNIX

**Roles and Responsibilities:**

- a. An application created to centralize access id via a Generic ID mechanism.
- b. Extracted data from Oracle tables performing multiple lookups, transformations and audit checks.

#### 6. My Management Information (MyMI)

**Client:** Citizens Bank, USA

**Duration:** 13 months

**Team Size:** 30

**Technologies:** DataStage 8.1, SQL, UNIX

**Roles and Responsibilities:**

- a. A major 3 phase project that was created to provide organization-wide data to the business line to facilitate efficient decision making. This project was entirely driven by ETL right down to creating data points and identifying colours for the front end graphs.
- b. Worked in a phase called IMART that pulled data from an upstream warehouse called DMART to create intelligent data for different kinds of reports expected by the business line.
- c. Created highly complex ETL designs to load data into IMART tables accounting for different levels of aggregation at different hierarchies.

Besides the above projects in which I was involved from start to end, I was involved in critical development phases of several application based data integration projects and data migration projects few of which I have listed below.

### Other Activities:

1. In charge of all DataStage training activities.
2. Created POCs for use of FastTrack and Information Analyzer
3. Created POCs for use of Metadata Workbench.
4. Created error framework for error/reject tracking and audit
5. Created "Centralized Business Alert" framework using a combination of UNIX scripting and SQL
6. Trained in Oracle EDQ and Informatica

I assure that all details furnished above are true to the best of my knowledge.

Yours truly,

**Jerome Rajan**