**Rituparna De**

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**CORE COMPETENCIES**

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| **Data Architect/Data Modeler** | **Power Designer, Oracle, Teradata, Trace Transformer, shell scripting, Hive, Informatica** |

**Skill Set**

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| **Domain** | Banking and Financial Services, Insurance, Retail |
| **Primary Skills** | Data architecture, data Management, Data modeling, Data Analysis, Power Designer, Informatica Power Center |
| **Secondary Skills** | Oracle, Big Data, Hive, HDFS, Impala, Teradata, Unix Shell scripting, Tivoli, Informatica data replication, SOAP UI, No SQL, Json Structures, Cloud basic architecture, Mongo DB, HBase |
| **Third party Tools** | Confluence, Sharepoint, Jira, Toad |

**PERSONAL PARTICULARS**

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* Total exp. in Data Warehousing (In Yrs.): 16 yrs
* Current organization: Citi bank Corp.
* Current Designation: VP
* Employment Type: Permanent
* Current Location: Pune, India
* Onshore Experience: Melbourne for 7 months and London for 2 months

**ACCOMPLISHMENT:**

* Sucessfully completed TOGAF certification in 2022
* Sucessfully completed GCP data engineering certification in 2021
* Sucessfully completed PSM1(Professional Scrum Master) in 2016.
* Successfully completed Informatica developer certification in 2008.
* Succesfully completed OCA in 2007.
* Received award for exceptional performance as data modeler in 2018
* Received award for excellent delivery as a team leader in 2017
* Received Bronze Star Award for faciliation in 2015
* Received Project Star Award for excellent indivitual contribution in 2011

**HIGHEST ACADEMIC QUALIFICATION**

**B.Tech,** West Bengal University of Technology, (2007), 80% of mark.

**KEY RESPONSIBILITIES**

A Data Architect and data modeler with 16 years of industrial experience in Information Technology specializing in data warehouse design and end to end project delivery.

* Has extensively worked on data architecture, data modeling, data definition, data quality, data profiling, data migration, data integration, data governance, reference data management, master data management and security of large scale projects using both agile and waterfall methodologies spanning terabytes in size.
* Responsible for the overall data design and modeling across organization’s HR data systems.
* Design of architecture patterns in the major data platforms like data warehouses, data lakes etc
* Designing and documenting data architecture and data model
* Translating business requirements into conceptual and detailed technology solutions
* Experience in Dimensional and Relational Data Modeling using tool like Power Designer, Erwin.
* Worked on Master Data and Reference Data management.
* Prepare high level project plan, project roadmap, and estimates.
* Engage all key stakeholders and get a concurrence on the solution and timeline.
* Create standardized data model to acquire, publish and distribute data from different source systems to a single ODS system.
* Performed comparative study between multiple data modeling tools to identify the best suited tool
* Worked on Regulatory reporting
* Designed end to end data warehouse projects incorporating phases like requirement gathering, conceptualization, logical and physical data modeling, solution architecture, risk management, manage build and deployment in Agile and waterfall delivery models.
* Support senior managers in project planning, estimation, budgeting and RAID identification.
* Being part of COE, created different accelerators using Informatica power center for faster delivery of project which like auto review tool, reusable framework for auditing and reconciliation for real time jobs.
* Support senior managers in project planning, estimating, budgeting and RAID identification.
* Produce weekly status reports to keep management and stakeholders updated on the progress.
* Lead 12 members’ team.
* Have experience in Real time data processing using Informatica Data Replication Tool.

**PROJECTS UNDERTAKEN**

* **Olympus Data Fabric**

**Organization**: Citi Bank Corporate

**Role:** Data Modeler

**Duration:** Nov 2021 – till date

**Team Size:** 150

**Tools/DB used:** Magic Draw, Oracle, hive, Impala, Excel

**Project Description:** Olympus is a data fabric and one stop solution for trades, orders, reference data and Loans data for Citi’s institutional clients. More than 100 consumers connect to Olympus for complete, consistent and high quality data for reporting including regulatory reporting.

* **Connection**

**Organization**: HCL Technologies, Pune

**Role:** Data Architect

**Duration:** Aug 2019- Oct 2021

**Team Size:** 30

**Tools/DB used:** Power Designer

**Project Description:** Connection is a enterprise networking site built by IBM and now procured by HCL. It helps company associates to connect with each other through blogs, forums etc.

* **ERDS**

**Organization**: Deutsche Bank, Pune

**Role:** Data Architect**/**Data modeler/ Data Analyst

**Duration:** Oct 2017- Aug 2019

**Team Size:** 10

**Tools/DB used:** Power Designer, Oracle, Trace Transformer

**Project Description:** ERDS (Employee Referential Data store) is a data store which stores all HR related information from PeopleSoft tables and Workday API in ERDS.

* **ODS**

**Organization**: Capgemini, Pune

**Client:** Barclays

**Domain:** Banking

**Role:** ETL Designer/Lead

**Duration:** Aug 2014- Oct 2017

**Team Size:** 6

**Tools/DB used:** Informatica, Oracle, Unix shell scripting

**Project Description:** ODS (Operational Data store) processes real/near real time data from source system to ODS using Informaica Data Replication and Informatica Powercenter tool. It processes payments which will be monitored by Payment monitoring system.

* **Payments Hub Archival**

**Organization**: Capgemini, Pune

**Client:** Barclays

**Domain:** Banking

**Role:** ETL Designer/Lead

**Duration:** June 2016- Dec 2016

**Team Size:** 2

**Tools/DB used:** Informatica, Oracle, Unix shell scripting, Tivoli, Rainstor

**Project Description:** This project archives 6 months old data from Payments hub system to Barclay’s archival system. It stores data in rainstor database which holds data till 7 years in 70% compressed format.

* **Asset Finance Platform Growth**

**Organization**: Capgemini, Pune

**Client:** Barclays

**Domain:** Banking

**Role:** Team lead/Senior developer

**Duration:** Sep 2016- Oct 2017

**Team Size:** 2

**Tools/DB used:** Informatica, Oracle, Teradata, Unix shell scripting, Tivoli.

**Project Description:** This is a Data warehouse project loads data from multiple finance source system in data warehouse. It stores data in SCD type 2 format and data is exposed to different downstream systems through views.

* **LCDB**

**Organization**: Wipro, Pune

**Client:** Credit Suisse

**Domain:** Banking

**Role:** ETL Designer /Team Lead

**Duration:** Oct 2012- Aug 2014

**Team Size:** 5

**Tools/DB used:** Oracle PL/SQL, SQL server, Informatica, Unix shell scripting.

**Project Description:** LCDB(“Legal and compliance data base”) is a data repository, serving data needs for 17 applications including GCR in L&C department. The aim of this consolidation database is to provide a single repository of trade, position & reference data for surveillance, reporting and litigation (legal process) activities.

* **Fosters core ops**

**Organization**: Capgemini, Kolkata

**Client:** Fosters

**Domain:** Retail

**Role:** Developer/Designer/Team Lead/ Onshore Coordinator

**Duration:** May2010 – Oct 2012

**Team Size:** 14

**Tools/DB used:** Informatica 8.6, Toad, Oracle 10g.

**Project Description:** Fosters have the data in various JDE versions for different regions. The main objective of this project is to load the data from various JDE versions to a global JDE 9 version.

This includes ETLs, Which are permanent and going forward will pull the daily transactions and records from the JDE tables to the global JDE and Temporary - that will pull the records from various JDE versions and until the other JDE versions are not decommissioned.

* **Metlife FCAE REPLATFORM**

**Organization**: Cognizant, Kolkata

**Client:** Metlife

**Domain:** Life Insurance

**Role:** Developer

**Duration:** Feb 2009-Mar 2010

**Team Size:** 15

**Tools/DB used:** Informatica, Oracle 9i.

**Project Description:** The objective of this project was to change the existing system like NEF system. The client had primarily two systems, first being NEF and other MET. The entire architecture of the NEF system was modified to suit the client requirements. This project was based to meet the new changes applied to the existing Met architecture similar to the NEF system. The main purpose of the project was to migrate the data from the old system to new system .To meet this requirement ETL tool Informatica was used to create ETL jobs for the data migration process

* **IM Data R1A (Wave 1)**

**Organization**: Cognizant, Kolkata

**Domain:** Life Insurance

**Client:** Thrivent Financial for Lutherans/US

**Role:** Developer

**Duration:** Aug 2007 -Jan 2009

**Team Size:** 25

**Tools/DB used:** Informatica, Oracle 9i.

**Project Description:** The purpose of the IM Data R1A(Wave 1) Program is to define sources and targets and implementing mappings to move the data from source to target based on some business logics.This has been implemented in two steps by migrating the data from source to a staging area and from taging to the data warehouse.