

Maulesh Bakulesh  
Senior Data Engineer

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**PROFESSIONAL SUMMARY**

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- **Over 12 years** of IT Experience in design, development and testing of business/commercial applications using **MS SQL Server 2016/2014/2012** in **financial** and **Retail** industries.
- Extensively used **SSIS, SSAS & SSRS** for various BI requirements.
- Strong Experience in Data warehouse Created star schema and snowflake schema data model and fill data using ETL process using **SQL Server** integration service.
- Created summary and details reports on Enterprise data warehouse data using **SQL server** reporting service.
- Experience in MS **SQL Server Migration** from **SQL Server 2000** to **SQL Server 2005** and **SQL server 2005** to **SQL server 2008**.
- Good understanding of **Normalization /De-normalization**, Normal Form and database design methodology.
- Extensive experience in development of **T-SQL scripts, MS Integration Services, Stored Procedures and views** for business logic implementation, different kind of join to fetch the data from different table.
- Excellent knowledge in **RDBMS** concepts and **Data warehouse** Concepts.
- Strong ETL experience on **loading, cleansing** and **validating** raw data into data warehouse using **SSIS** using different control flow and data flow tasks.
- Experience in **SQL Server** to **AWS cloud migration** using **RedShift** and **Pentaho ETL** tool.
- Working knowledge of **Software Development life Cycle (SDLC)** and **N-tier** Application Architecture.
- Working experience in moving data from on premise **Oracle server** to **Google cloud BigQuery** for clients' Finance Modernization project.
- Experience in Feeding data On **OLTP and OLAP system** using **SQL server** integration service.
- Good knowledge of Data Marts, **Data warehousing, Operational Data Store (ODS)**, Data Modeling like **Dimensional Data Modeling, Star Schema Modeling, snowflake schema Modeling** and good understanding about **Fact** and **Dimensions**.
- Strong experience in Creating **SSAS OLAP CUBES** and **having partition on cubes on yearly bases** for good performance, Pulled over those data in **Excel pivot functionality sheet** as per client requirement.
- Experience in **query optimization & performance tuning**.
- Created Database and Database Objects like **Tables, Stored Procedures, Views**, user defined data types, different kind of join to fetch the data from different **server** table and functions using **T-SQL** queries.
- Strong individual contributor and multi-tasking. Experience managing small team to complete Fiserv data reconciliation project.
- Strong troubleshooting and organizational skill, **independent, self-managing** and teamwork and ability to work in-groups as well as **independently** with minimal supervision.

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**TECHNICAL SKILLS**

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Databases	MS <b>SQL SERVER</b> 2012/2008/2005, MS Access 2003
Data Modeling	MS Office 2016, Microsoft Visio, Erwin
Development Tools	DTS, <b>SSIS, SSAS, SSRS</b>
Operating Systems	Windows 10/XP/2003
Database Tools	<b>SQL Profiler, SQL Query Analyzer, Index Analyzer, SQL Agents, SQL Alerts, SQL Mail</b>

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## PROFESSIONAL EXPERIENCE

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**Mastercard, Purchase, NY**  
**Senior Data Engineer, DW/SSIS/SSRS**

**Dec' 13 - Current**

**About Company:** Mastercard is leading provider of **analytics**, information and solutions to more than 90 consumer banks and their regulators. It helps its clients maximize the value of data and analytics to manage and mitigate risk and optimize financial objectives. I am responsible for **processing, validation and reporting** of **CCPS** (Credit Card Payment Study), **SBCS** (Small Business Credit Card), **PLCC** (Private Label Credit Card) and **CCCS** (Canadian Credit Card Study).

### Responsibilities:

- Validates and signs off **financial client's credit card data** to the quality standards and provide analytic support for portfolio management, product launches and risk management.
- Work with **clients** to make sure expectations are met. Provide end to end support on **data loading, cleansing, validating, analyzing and reporting** using **SSIS** and **SSRS**.
- Create ETL packages using **SSIS** to load source data from multiple source system and into **normalized database**. Used different control flow task like **For loop, For Each Loop, Send Mail task, FTP task, File System Task, Execute SQL Task** and **Script task**.
- Used different source system like **DB2, MySQL, Flat file and Excel** for data loading. Heavily used **Variable** and **Expressions** for dynamic execution. Used data flow transformations like **conditional split, Data conversion, Derived Column, Merged, Merged Join, lookup, Multicast** and **Slowly Changing Dimension** for Data cleansing and loading into Data Warehouse.
- Created **Event handler** and **Logging** to capture run time errors so that it can be tracked and fixed. Used **package configurations** to change variable values dynamically. Also configured **SMTP** servers to send out an email on package start, end and fail.
- Working on **AWS migration** project to move Code and Data from **SQL Server** to **AWS RedShift** which requires moving data to data lake and rewrite Code in RedShift.
- Worked on data migration project for once of client for Finance Modernization. Migrated data from **Oracle to Google BigQuery** using MIG data ingestion tool. Worked on source to target mapping and ingested data from Raw to trust zone with incremental and full load.
- Created **matrix reports, tabular reports, parameterize reports, drill down and drill thought** as per business and client requirement.
- Created report **subscriptions** to send out report on daily, weekly and monthly basis. Also created benchmark reporting to show industry trends.

**Environment:** MS **SQL Server** 2016/2014/2012, VSS, MS Visual Studio 2017/2015, Oracle, Google BigQuery, GitLab, JIRA/Confluence, Control-M, AWS RedShift, Pentaho 8.2.

**PCG (Public Consulting Group), Boston, MA**  
**Senior SQL/BI Developer**

**July' 11 – Dec' 13**

**Project Description:** The scope of the project was to design and develop Data warehouse to build new billing platform. The goal of the project is to create reports based on new Marketing Hierarchy for each user for different client. Develop enterprise data warehouse and load data from different sources using ETL process as per business requirement.

### Responsibilities:

- Experience in **Extracting, Transforming and Loading (ETL)** data from Flat file, excel (spread sheet), MS **SQL** and oracle to MS **SQL Server** database by using **SSIS services**, BCP utility.
- **SQL Server** 2008/2005 RDBMS database development using T-SQL programming queries, stored procedures, views and ETL.
- Experience in creating **SSIS** packages using different type of task, **with Error Handling on control flow task and dataflow task, use logging to log the events and worked on package configuration to run package on different server**.

- Sound Experience in creating static Dimensions called look up tables and dynamic Dimensions.
- Used different **transformation** like **Look up, Conditional split, data conversion, Aggregation, Merge, Merge join, union all, Multicast, sort, OLE DB command** etc.
- Experience in **Delta load** for Data warehouse after **initially process full load** using ETL process.
- Designed **data model** for data warehouse (logical and physical model) using **star schema** and **snowflake schema**.
- Created error handling for each data flow task to quickly figure out what failed in complex ETL packages.
- Worked on Discover, Design, Development and Deploy for Data warehouse cycle.
- Knowledge about MOLAP, ROLAP and HOLAP Proactive casing mode for cubes.
- Worked on **schedules job using SQL Agent**.
- Understanding about execution plan and estimated execution plan for poor performance query.
- Created multiple temporary physical tables to get faster and efficient way data out of multiple tables.
- Worked on Microsoft team foundation **server** to store ETL packages, procedure and T-SQL.

**Environment:** Windows XP, MS **SQL Server** 2012/2005/2008, MS Visio, MS Visual Studio 2005/2008, Idera **SQL DM**.

**Bank of America, Charlotte, NC**  
**SQL Server Developer, DW/SSIS**

**Feb' 10 – July' 11**

**Project Description:** I worked with Bank of America on **ERS** (Email Response Survey) project. The scope of the project was to design and develop **Data Warehouse** using **Ralph-Kimball** methodology for Reporting purpose. The goal of the project was to create reports for each associate at different organization and associate level. ERS project is data warehousing project for long term reporting solution.

**Responsibilities:**

- Created Data warehouse using **Ralph-Kimball** Data warehousing methodology for long term **Email Reporting Solution**.
- Used **Erwin/Visio** for data modeling. Responsible for logical and physical design of Data warehouse and ETL process.
- Created Database and Database Objects like **Tables, Stored Procedures, Views, Defaults** and **user defined functions** for data mart.
- Created **SSIS** packages to load data from different source system such as **CSV files, SQL server 2005** and **Oracle 10g**.
- Created **SSIS** packages to load the data from Oracle source to staging **server** and from staging **server** to Data warehouse.
- Implemented common functionality in **SSIS** package templates such as common **Event handling, Error handling, event logging** and **package configuration etc**.
- Designed ETL packages which loads Reference data, to staging environment on daily bases and sends Email to notify business users with detail information such as file name, number of records, date and process time.
- Developed the **Slowly Changing Transformation** to maintain the **Historical Data**.
- Worked on Performance tuning of **ETL** process as well as **SQL** code used in **Stored Procedure**.
- Maintained good working relationships with internal **support teams** and **business users**.
- As a production support, **monitoring every day's ETL Process, and fixed the data issues**.

**Environment:** Windows XP, **SQL Server** 2005/2008, MS Visio, **SSIS/SSAS/SSRS**, Oracle 10g, MS office 2007.

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## E D U C A T I O N

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**Master of Science in Finance**  
Pace University, New York, NY

**2007 - 2008**

# Maulesh Bakulesh

- White Plains, NY, US

## Contact Information

- 1mp-6kj-ign@mail.dice.com
- 2015653616

## Work History

### Total Work Experience: 14 years

- Sr. **SQL Server Developer**, DW/**SSIS/SSRS** Mastercard  
Dec 01, 2013
- Senior **SQL/BI Developer** PCG  
Jul 01, 2011
- **SQL Server Developer** Bank Of America  
Feb 01, 2010

## Skills

- **configuration** - 13 years
- **data warehouse** - 13 years
- **database** - 13 years
- **etl** - 13 years
- **microsoft sql server** - 13 years
- **microsoft ssis** - 13 years
- **oracle** - 13 years
- **reporting** - 13 years
- **sql** - 13 years
- **transformation** - 13 years
- **business requirements** - 11 years
- **control flow** - 11 years
- **data conversion** - 11 years

- **data flow** - 11 years
- **flat file** - 11 years
- **microsoft excel** - 11 years
- **microsoft visual studio** - 11 years
- **multicast** - 11 years
- **email** - 10 years
- **data engineering** - 9 years
- **amazon redshift** - 10 years
- **backup** - 10 years
- **bi architecture** - 10 years
- **business intelligence** - 10 years
- **data architecture** - 10 years
- **data integration** - 10 years
- **data manipulation** - 10 years
- **data migration** - 10 years
- **data modeling** - 10 years
- **data warehouse architecture** - 10 years
- **database architecture** - 10 years
- **database design** - 10 years
- **dba** - 10 years
- **microsoft bids** - 10 years
- **microsoft sql server dba** - 10 years
- **performance tuning** - 10 years
- **physical data model** - 10 years
- **plsql** - 10 years
- **stored procedures** - 10 years
- **transact-sql** - 10 years
- **microsoft windows xp** - 8 years
- **analytics** - 7 years
- **banking** - 7 years
- **credit cards** - 7 years
- **data analysis** - 7 years
- **data loading** - 7 years
- **data processing** - 7 years
- **data qa** - 7 years
- **data validation** - 7 years
- **finance** - 7 years
- **microsoft bi** - 7 years
- **microsoft ssrs** - 7 years
- **vss** - 7 years
- **dimensional modeling** - 5 years
- **it management** - 5 years
- **project management** - 5 years
- **erwin** - 5 years

## Work Preferences

- Desired Work Settings: No Preference
- Likely to Switch: False
- Willing to Relocate: False
- Travel Preference: 0%
- Work Authorization:
  - US
- Work Documents:
  - US Citizen
- Desired Hourly Rate: 80+ (USD)
- Desired Salary: 150,000+ (USD)
- Security Clearance: False
- Third Party: False
- Employment Type:
  - Contract to Hire - Corp-to-Corp
  - Contract to Hire - Independent
  - Contract - Corp-to-Corp
  - Contract - Independent

## Profile Sources

- Dice: <https://www.dice.com/employer/talent/profile/980d903ef50f378f8f99506be59975e0>