

SIDDHANT JAIN

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PROFESSIONAL SUMMARY

- Having 7+ years of experience in IT industry as a Software Engineer.
- Over 7+ years of IT experience in DWH, BI and ETL technologies using Teradata, Oracle, Datastage, SQL, UNIX, Netezza, Postgres, BigQuery.
- **Vantage Certified Advanced Developer – Teradata Certified.**
- Hands on experience on cloud-based platforms like **GCP** and **Azure**.
- Strong hands on experience in writing **SQL queries** on database platforms and efficient in performing query optimization.
- Used **Teradata utilities** - Fast Load, Multi Load, Fast Export, TPT and BTEQ with good understanding of Business Intelligence and Data Modeling and Data mining. Having strong knowledge on **Teradata Architecture**.
- Good knowledge and hands on experience on various **Google Cloud Platform (GCP)** services like **BigQuery, Compute Engine, Cloud Storage, Firestore, CloudSQL, Cloud Functions, PubSub** etc. Creation of new ETL pipelines on GCP and migration of existing workloads from on premises to cloud.
- Strong hands on experience on **Unix Shell Scripting**.
- Good hands on experience on **Python** programming.
- Data Analytics and Developer Role at Enterprise Level for banking domain. Working experience of **Customer Relationship Management (CRM)**.
- Having good domain knowledge of **Banking, E-Commerce** and **merchandise retail**.

TECHNICAL SKILLS:

- **Databases:** Teradata, SQL Server, Oracle, Netezza, Postgres, Google BigQuery, Firestore
- **Cloud Platform:** Google Cloud Platform - GCP
- **Programming:** SQL, Unix Shell Scripting, Python, SQL Tuning/Optimization
- **ETL Tools:** IBM Infosphere DataStage 8.5, 9.1, 11.5., SSIS
- **Data Modeling:** Relational and Dimensional Modeling
- **Process/Methodologies:** Waterfall, Agile Methodology
- **Tools:** Teradata SQL Assistant, Tectia SSH Client, Oracle SQL Developer, AIX (IBM) server 6.0, TOAD
- **OS:** Unix/Linux/AIX, Win95/98/NT/2000/XP/7/8/10
- **Quality Control Tool:** Application Lifecycle Management (ALM) –QC, Rational Team Concert (RTC), Jira
- **Change Management Tool:** Service Now
- **Code Repository and Version Control:** Github, SVN
- **Scheduling Tool:** Autosys, Tivoli Workload Scheduler (TWS)

PROFESSIONAL EXPERIENCE

INTERSOFT Data Labs and Solutions Pvt. Ltd., Gurugram, Haryana

Technical Analyst, Sep 2019 – Feb 2021

Role: Data Analyst, Business Intelligence

Client: Bed Bath Beyond.

Environment: Dev/SIT/UAT

Description: Working as Data Analyst for Bed Bath and Beyond which is a North American chain of domestic merchandise retail stores.

Part of Marketing Technologies Innovation (MTI) team which focuses on enhancing customer interactions by means of different channels like running campaigns to provide offers and coupon to the potential customers, customer loyalty programs, Co-branded credit cards which results in increase in sales and profit.

Our MTI team is responsible for various projects like: Customer Data Platform (CDP), Customer Data Integration (CDI), Campaign Management (CM), Campaign Data Mart (CDM), Email Service Provider, Coupons & My Offer, Beyond Plus etc.

Responsibilities:

- Developing ETL processes for data storage into EDW from various data sources.
- Providing and extracting data from various marketing vendors for customer profiling and customer targeting.
- Using Teradata as DBMS and its utilities like **Bteq, Mload, Fastload, Fastexport and TPT** (Teradata Parallel transporter). Transforming data using **Teradata Stored Procedures**.
- **GCP** (Google Cloud Platform) is the adopted cloud platform. Responsible for creating ETL pipelines on GCP using various services like **BigQuery, Compute Engine, Cloud Storage, Cloud Functions, Dataflow, Pub Sub, Cloud SQL, Data Fusion, Cloud Composer, Firestore** etc.
- Involved in data migration from Teradata to **Google Cloud Storage** and **Microsoft Azure**.
- **Postgres** and Google **BigQuery** are used as data analytics tools.
- **Unix Shell Scripting** and **Python** are used as scripting languages.
- Campaign management through **Netezza** Database.
- Version control for code repository using **SVN**.
- **Tivoli Workload Scheduler** for Job scheduling.
- Using **Jira** for quality control and project dashboarding.

Tata Consultancy Services (TCS), Noida, Uttar Pradesh

IT Analyst, Jan 2019 – Sep 2019

Role: Developer, Business Intelligence

Client: Apple INC.

Environment: Dev/SIT/UAT

Description: Part of PX4 team which focuses on financial reporting for Apple Corporation Revenues and payments. Providing business users detailed and summarized reports regarding payments for 3rd party vendors, royalty programs and revenue generated through various products. This project is aimed at developing a robust and accurate vendor payment system.

The process is done using multiple technologies like the Teradata Utilities such as **BTEQ, TPT, Fastload & Multiload**, reporting through **UNIX shell scripts**.

Responsibilities:

- Analysis for the business requirements and created the technical specification to meet the requirements
- Actively involved in designing and developing the Data warehouse/Data Mart along with System/Technical Architect
- Developing business logic for financial reporting and converting into Teradata stored procedures.
- Develop & unit test ETL processes for optimal performance.
- Writing appropriate SQL code using conversions and implementing through TPT, BTEQ scripts, Mload, Fastload etc.
- Involved in tuning of SQL queries for better performance.
- Used **Autosys** for scheduling batch jobs.
- Using **Github** for maintaining code repository and deployment.
- **Business Objects** (BO) is being used as reporting tool.

Wipro Limited, Greater Noida, Uttar Pradesh

Project Engineer, Jan 2014 – Dec 2018

Role: Developer, Business Intelligence

Client: CITI BANK

Environment: DEV/UAT/SIT

Description: The project involved in extracting data from various source systems and is fed into the EDW (Enterprise Data Warehouse) using ETL. This data is then used for various analytics and reporting.

Developing online dashboard for bank RM's to show their client portfolio and relative product information. Under CRM module we are providing an online application to the banking managers based on Java API's using REST services. This application enables RM's/BM's to target customers real time and do analysis to enhance customer relationship with the bank.

Consuming real time data through JMS Access Module using Teradata JMS API from TIBCO JMS Queue and load into Teradata database.

Responsibilities:

- Developed an online Customer dashboard for Relationship managers where they can access complete portfolio of their customers for analytics, risk profiling and reporting.
- Creation of data warehouse data model. Created tables, views in Teradata according to the requirements and as per the Business Logic.
- Review source to target data mapping document for ETL processes.
- Develop & unit test ETL processes for optimal performance.
- Consume real time data in JSON format ESB message queue using Teradata **TPUMP** utility.
- Populating data from **flat files, XML files, datasets, filesets** and other databases to **Teradata Staging** and into **EDW** using the common code and using Teradata utilities like BTEQ, Fastload and Multiload.
- Wrote appropriate SQL code using conversions as per the Business Logic using Bteq scripts.
- Involved in tuning of SQL queries for better performance. Worked on user queries, database connections, SQL joins, views, and aggregate conditions.
- Used Tivoli workstation for scheduling batch jobs.
- Identifying data issues, code issues and other user requirements using SQL. Working with BTEQ scripts and other Teradata utilities.
- Implemented slowly changing dimensions methodology to keep track of historical data.
- Involved in unit, regression & integration testing with testers and application teams. Development of **test cases** and **testing**.
- Developing and Maintenance of Oracle automation framework used for hosting ETL job parameters using oracle SQL and maintaining the FID's.

- Creating and maintaining **source-target mapping documents** for **ETL development**.
- Assisted in Batch processes using Fast Load, BTEQ, UNIX Shell and Teradata SQL to transfer, cleanup and summarize data.

EDUCATION

AMITY UNIVERSITY, Noida, Uttar Pradesh

Bachelor of Technology in Biotechnology

Duration: Jun 2009-Jun 2013

- GPA: 7.10
- Awarded with honor of **BEST BUSINESS ACUMEN AND AWARENESS**

Certifications and Courses:

Name of the Certification/Course	Issuing Authority	Issued On	Expiry Date
Vantage Certified Advanced Developer Advanced SQL Engine	Teradata Corporation	Jun-20	Jun-23
Vantage Certified Developer Advanced SQL Engine	Teradata Corporation	Jun-20	Jun-23
Vantage Certified Associate Advanced SQL Engine	Teradata Corporation	Jun-20	Jun-25
Modernizing Data Lakes and Data Warehouses with GCP	Coursera	May-20	No Expiry
Google Cloud Platform Big Data and Machine Learning Fundamentals	Coursera	Apr-20	No Expiry