

**Joe Wayne McKinney**

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**Summary:**

* Worked on all phases of data warehouse development lifecycle, from gathering requirements to testing, implementation, and support.
* 17+ years of experience on Teradata and mainframe/server based environments**.**
* Extensive experience in Data Modeling using various modeling software's including ERWIN.
* Experience in MLOAD and TPT – using INSERT, UPDATE, DELETE and a combination of all three.
* Experience in backup and restore of Databases using Teradata BAR.
* Has worked as a mainframe developer writing and developing code.
* Design, Develop and Verify data on the EDW.
* Work with Teradata, SQL Assistant, and various modeling software's including ERWIN.
* Wrote data from Teradata in flat file using Teradata tool Fast Export.
* Loaded data using Teradata utility Multiload, Fast load and BTEQ as part of the ETL process.
* Created, optimized, reviewed, and executed Teradata SQL test queries to validate transformation rules used in source to target mappings/source views, and to verify data in target tables
* Exceptional background in analysis, design, development, customization, and implementation and testing of software applications and products.
* Demonstrated expertise utilizing ETL tools, including Informatica, DMX, IDEAL, TELON , MicroStrategy and ETL package design, and expertise with RDBM systems like, Oracle, DB2 and Teradata and SQL Server.
* Developed, implemented, and supported Batch and **CICS** APS/**COBOL** (MFEEE) programs, running on z/OS (mainframe), using IMS, DB2/SQL, and **CICS**.
* Team player with excellent communication and problem solving skills.
* Extensive Report creation using SQL, Business Objects, and MicroStrategy.
* Have created complex series of Dashboards that automatically refresh via database applications.

**Technical Skills:**

**ETL:** Informatica, IDEAL, TELON, MicroStrategy, DataStage, DMX

**OS:** Windows NT/2000/XP, HP-UX, Sun Solaris, **Linux**

**Programming: COBOL, REXX,** HTML, **Linux**

**OLAP/Reporting:** BO, MicroStrategy

**Tools:** NET, Informatica, Administrator, Eclipse, SQL assistant, ViewPoint, Atana Suite

**Software:** Microsoft Office Suite , Teradata BAR, CICD

**Databases/RDBMS:** MySQL, Oracle 10g/9i, DB2, Teradata

**BI:** Business Objects, MicroStrategy, Focus

**Technologies:** Hadoop, Spark, Cloudera, Hive, and Sqoop.

 Worked on very large capacity Teradata tables using Indexing and partitioning

 Techniques.

**Education:**

* University of South Carolina, Computer Science , Business BS 1980
* Information Builders Top Gun School for High Performance - 1992 Computer Associates certification for CA-Ideal Application Programming – 1997, MicroStrategy – Dashboard Designs 2013, Teradata Certification – 2002, 2003, 2004.

**Professional Experience**

**FDI – Bridge Tender – Department of Transportation 10/06/2023 – Current**

* Control the closing of the Roadway and opening of the bridge.

**LTI / Citibank 09/24/2022 – 09/28/2023**

**Data Engineer**

* Data / Database Engineer – Working on the mapping of Branded and Cobranded Cards data and attributes.
* Ab Initio ETL mapping of multiple source data into the EDW.
* Interaction with the business to establish requirements.

**Verizon (Contract) 05/05/2022 – 9/23/2022**

**Teradata Developer**

* Data / Database Engineer – Working on the Tracfone project to bring this product in house to Verizon.
* This includes Finance, Customer, Billing, and Product information.
* Heavy SQL involvement including script development Database ADHOC extractions..

**Department of Justice (DOJ) Washington, DC 05/12/2020 – 05/05/2022**

**Teradata Developer**

* Database Engineer – Working in a combined Teradata / Oracle Environment to develop applications for the DOJ.
* Have worked on Debit Collection Management, GRANT Reporting applications, and E2 Travel Data to name a few.
* In this role supporting the Finance Group within the DOJ which includes upgrades and migrations.
* Also involved in Data Modeling using Erwin Software.

**Wells Fargo Charlotte, NC 07/05/2019 – 05/10/2020**

**Teradata Developer**

* Database Engineer/Developer – Teradata Encryption Hub – Developer of Teradata UDF’s and Stored Procedures to encrypt personal sensitive information at the Bank.
* Assigned to the Wholesale Banking Platform to provide encryption capabilities and components.
* Work in conjunction with DBA’s assigned to Wholesale to communicate and deliver components necessary for encryption.

**BankUnited Miami Lakes, FL 10/01/2018 – 07/02/2019**

**Data Architect**

* Data Architect II – Worked with Erwin modeling software to define schema structure in the Warehouse.
* Also worked with Oracle and SQL Server databases.
* Worked on the startup of Hadoop and Data Lake using Spark, Hive, Sqoop and other technologies.
* Involved in moving data from the Data Warehouse to the Data Lake.

**T-Mobile Atlanta, GA 11/20/2017 – 9/30/2018**

**Teradata Database Administrator**

* Working through Teradata at T-Mobile as an onshore DBA.
* Involved in deployment of new Software using CICD/Jenkins.
* Assigned to execute backups and restores using Teradata Viewpoint BAR software.
* Involved in Agile DevOps standup and Sprint sessions for software development.
* Involved in optimization and tuning of SQL scripts on a regular basis.
* Assisting the installation of new Teradata 16.10 Intelliflex Release in 2018.

**Bank of America Plano, TX 10/17/2016 – 11/01/2017**

**Hadoop Developer**

* Hadoop Developer – Working in a cross-team structure with Mainframe, ETL, DMX. Hadoop, Cloud Teams to develop efficient product in the Deposits channel.
* Involved with new development and defect triage.
* Also, working with offshore closely to design and develop new production applications.

**AT&T Richardson, TX 07/05/2016 – 10/14/2016**

**Data Architect**

* Working in a SDLC environment as a Data Architect on a Teradata Data Warehouse
* Platform. Working end to end coordinating projects through estimates, requirements, modeling, and development to deployment.
* Currently working to combine multiple billing systems from four regions into one comprehensive system to consolidate the billing process.

**Wells Fargo Bank Charlotte, NC 02/05/2016 – 7/01/2016**

**Teradata Developer**

* Development DBA creating stored procedures for extraction, table creation, and view creation.
* Application DBA executing the development procedures.
* On call DBA working a rotational schedule.
* SQL optimization and monitoring with Teradata VIEWPOINT.

**Travelers Insurance Hartford, CT. 10/12/2015 – 1/20/2016**

**Database Admin**

* Supporting Personal Insurance in the production environment.
* Involved with defect triage, Report Optimization, and Application Development.
* In this role working with Teradata, Atana Suite, Viewpoint, and Teradata Administrator.
* Also involved with compression of Teradata tables across all platforms.
* Involved with the redesign of older application through repartitioning efforts to utilize enhanced features of Teradata.

**Bank of America Jacksonville, FL. 11/03/2014 – 03/06/2015**

**Operational DBA**

* Processing production promotion request and change request. Also monitoring the
* Teradata system with the Viewpoint Tool. Identifying JOBS that need Tuning which are creating excessive spool.
* Working with the DBA and client to make sure these Jobs are tuned properly and run efficiently.
* Responsible for moving Space where required so that Production and Development processing can run successfully.

**USPS Corporate IT Eagan, MN. 55121 05/01/2014 – 10/30/2014**

**Operational DBA**

* Worked with USPS EDW Operations in the promotion of new code into Test and Production Environments.
* This involves work with Teradata, UNIX, Promotor, Remedy, ETL processes, and Dimensions.
* Also involved in QA Testing of all new and updated reports being moved into production.
* Involved with SGR processing – Splitter, Gator, Runner.

**WellPoint Insurance (Remote position) 12/02/2013 – 04/26/2014**

**ETL Consultant**

* ETL - Contract position working through IBM for WellPoint supporting the EDW at WellPoint. Specifically
* Working with the ETL Development team on mapping and requirements gathering.
* Also working with Teradata and Informatica supporting a wide range of Healthcare projects.

**Government Contractor USPIS Sterling, VA. 04/2013 – 09/2013**

**Assistant**

* Assisting Postal Inspectors analyze patterns of fraud and drug traffic in the US Postal System.
* This includes a Jamaican Fraud Operation running in the Postal system.
* Worked with Teradata, SQL Assistant, MicroStrategy and Excel to extract pertinent information. Created a series of Dashboard applications.
* Created ADHOC reports using SQL. These were converted to MicroStrategy and scheduled into production using Narrowcast.

**AT&T, Atlanta, GA USA 04/1997 – 04/2013**

**Lead Teradata Developer/Lead Data Analyst/EDW**

**Responsibilities**

* Lead Data Analyst working with the Enterprise Data Warehouse.
* Design, Develop and Verify data on the EDW.
* Worked with Teradata, Queryman, SQL, and various modeling software's including ERWIN.
* Experience in Data Modeling and Design.
* Worked with Mobility, Prepaid, and DIRECTV data.
* Extracted data from Oracle and DB2 database to Teradata database using ETL tool Informatica Power Center 8.1
* Wrote data from Teradata in flat file using Teradata tool Fast Export.
* Loaded data using Teradata utility Multiload, Fast load and BTEQ.
* DBA functionality test using MLOAD
* DBA Maintenance on multiple DISH and DTV production tables implemented by performing

MLOAD INSERTS and UPDATES from a correction file sent by the source system.

* Implemented complex transformations by creating custom transformations in addition to using built-in ones.
* Created correction files manually and created MLOAD routines from scratch to correct Database

issues on various tables in the Warehouse.

* Oversaw unit and system tests and assisted users with acceptance testing.
* Played role in design of scalable, reusable, and low maintenance ETL templates using Informatica..
* Supported the production systems on campus during regular business hour and off campus and off-hours.
* Strong working experience in Data Warehousing concepts, Teradata **utilities** (BTEQ, FASTLOAD, FASTEXPORT, MULTILOAD, Teradata Administrator, SQL Assistant), **UNIX** scripting.
* Experienced with mentoring Teradata Development teams, data modeling, program code development, test plan development, datasets creation, testing and result documentation, analyzing defects, bug fixing
* Created, optimized, reviewed, and executed Teradata SQL test queries to validate transformation rules used in source to target mappings/source views, and to verify data in target tables
* Created/Enhanced Teradata Stored Procedures to generate automated testing SQLs
* Loaded data into Teradata using, FastLoad, BTEQ, FastExport, MultiLoad, and Korrn shell scripts
* Developed Korn Shell scripts based on Load and Extract Specifications
* In addition have worked with WIFI, Customer Product and ECHOSTAR DISH data.
* Also have been involved with analysis of BILLING information in comparison to the Customer Bills (PAC Region).
* This was a mainframe FOCUS/**COBOL** system (BCATS) that had an online segment as well as a batch segment.
* Also supported a billing system for the Ameritech operating companies, the Customer Billing and Collection system (CB&C).
* This was a **Cobol**/Ideal system utilizing DB2 databases and CICS in the ETL process.
* Have experience with Fileaid, Platinum, JCLPREP, and SQL SPUFI.