**Jason Walker**

Greater Memphis, TN Area

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**EXPERIENCE SUMMARY**

Experienced data professional with database, scripting, automation, visualization, and analysis experience in the data and analytics space. I have experience with SQL, SQL Server, Teradata, Python, ETL, Data Modeling, Excel, Mentoring, and QlikView. I am a well-rounded data professional who is comfortable speaking with technical and non-technical people. I place high value in communication and processes.

**Skills:** Automation, Performance Tuning, Data Modeling, Data Analysis, SQL, SQL Server, Teradata, Python, SSIS, MS Excel, MS Access, VBA, Mentoring, Project Management, MS Visio

**EDUCATION**

**Bachelor of Business Degree,** Accounting, University of Memphis (Summa Cum Laude) 2005

**PROFESSIONAL ACHIEVEMENTS**

SitusAMC, New York, NY (Remote) November 2021 – Present

**Data Warehouse Architect**

* Delivered Reverse Mortgage data warehouse model to replace existing data model that was failing due to scalability issues. This required learning enough JavaScript to document current process. This project never caught any development traction by the previous architect. I used SQL Server, Python, JavaScript, and Data Modeling to deliver a successful outcome.
* Developed SQL Server process that integrated Python to call Overpass API for OpenStreetMap to retrieve global Demo property data. This provided 5,000 Demo properties for medical facilities and museums. This replaced manually searching and geocoding each property on Google Maps. I used SQL Server, Python, and Data Modeling.
* Standardized dimension model for common dimensions. I used SQL Server and Data Modeling.
* Reviewed and delivered performance enhancements to existing BI queries. I used SQL Server, Performance Tuning, and Data Modeling.
* Mentored other data warehouse architects related to technical programming using SQL Server and Python

Signature Healthcare, Louisville, KY (Remote) March 2021 –November 2021

**Senior Data Warehouse SQL Developer**

* Enhanced existing Azure data factory pipelines to be more self-cleansing and fail less. I used Azure Data Factory pipeline tasks to achieve this.
* Delivery of automated monthly Therapy Metric Reporting Data required for Audits imposed based on Reimbursement Investigative Findings. The impact to the business was crucial and this was my first major project. This was an open project for over a year and multiple previous developers were unable to deliver this to the business. This required learning the data warehouse processes and building audit queries to identify data processing errors. It also involved collaboration with the business and building a better data result based on asking good questions and aligning the decision makers. I used SQL Server, Performance Tuning, Excel, and Data Modeling.
* Provided performance enhancement for labor reporting data model. This saved monthly processing of 8 hours as well as removing regularly failed job. I used SQL Server, Performance Tuning, and Data Modeling.
* Automated monthly reporting processing using single point configuration file and audit query for early data issue detection. This change saved 2 hours of monthly processing due to directory redesign allowing multiple scripts to run in parallel. I used PowerShell.

HCA, Nashville TN/ (Office and Remote) November 2018 – March 2021

**Senior Application Engineer**

* Redesigned GL Transaction ETL process to run in parallel by region rather than sequentially. The nature of this data required a perfect result. This replaced an ETL process used for 15 years. I used SQL Server, SSIS, and Excel.
* Performance Tuning successes include 24 hours of daily processing savings. I used SQL Server, Teradata, SQL Server Indexes, Teradata Stat Collection, and Data Modeling.
* Roadblock removal success example was using a Python script to load data from Oracle database to Teradata database instead of Teradata’s TPT data transformation process which would not provide the desired outcome.
* Brought three large unfinished projects across the finish line started by other developers
* Mentored another Senior Engineer using Python and Excel so he could deliver automated reporting to management.

Specialty Care, Brentwood, TN (Office) March 2018 – November 2018

**Senior Business Intelligence Developer**

* Automated data model environment deployment using Python and Excel. This involved a meta data file, QVD files, and python script to manage multiple scenarios.
* Improved Dashboard delivery outcome by generating audit queries to rule out data issues as opposed to dashboard issues. This saved considerable time and targets the issue at the source at the earliest level. I used SQL Server and Excel.
* Enhanced dashboard delivery outcome and communication by providing project management statuses

Community Health Systems, Franklin TN (Office) September 2017 – March 2018

**Director, Ops and Finance Reporting**

* Consolidated multiple data models into a single data model for monthly management reporting. This saved 8 hours of monthly processing and manual data manipulation. I used Microsoft Access, VBA, and Data Modeling.
* Mentored data analyst related to monthly data processing and reporting. We used Microsoft Access, VBA, and Microsoft Excel.
* Converted Clinician Value Metric report from single month to monthly, YTD, and 13-month trending. This enhanced reporting visibility over time. I used Python, Microsoft Access, and Microsoft Excel.
* Technical subject matter expert for 3 Financial Analysts on team.

HI Touch Business Services, Nashville TN (Office) September 2016 – September 2017

**Manager, Financial Analysis**

* Developed Python application to automate monthly Financial Package for CFO
* Developed transformation solution for ADP Payroll into GL upload format using VBA, MS Access, SQL, and Excel
* Reduced Monthly Sales Analysis reporting by 3 days by replacing multiple Excel workbooks sourced from various downloads with MS Access, SQL Server, VBA, and automated Excel solution
* Automated Monthly Budget and Forecast Process using SQL, SQL Server, and Excel
* Created logical representation of Business Unit Hierarchy for Accounting Team
* Removed multiple reporting barriers from GL system using replicated tables on SQL Server

Community Health Systems, Franklin TN (Office) March 2014 – September 2016

**Manager, Financial Analysis**

* Created and Enhanced reporting platforms for Clinician Productivity, AMR Network Integration, Startup, Financial, Scheduling, and Scorecard Evaluations using SQL, SQL Server, MySQL, MS Access, VBA, and Excel. This replaced multiple Excel files maintained by different people in different divisions.
* Reduced AMR Network Integration Reporting by 9 hours each month using data relationship logic with MS Access, SQL, VBA, and Excel
* Developed automation application for Essbase financial results using VBA and Excel. Reduced data gathering efforts by 2 days
* Streamlined Physician Contract Renewal Process with Process-Oriented Development Solutions using SQL, VBA, Excel, and MS Access. This saved 2 days of monthly manual data processing.

Direct General, Nashville TN (Office) July 2012 – March 2014

**Business Reporting Analyst**

* Converted Hyperion data transformation processes to Access application with click of a button self-service for monthly accounting processes
* Enhanced incentive platform for regional sales managers’ production using SQL, MS Access, VBA, and Excel. Removed 1 day of data conversion
* Migrated commissions application from Stage to Production Server utilizing Visual Studio Packages, SQL Server Jobs, MS Access, VBA, and SQL
* Developed reconciliation models for multiple disparate reporting systems using SQL, SQL Server, SSRS, VBA, and Excel

American HomePatient, Brentwood TN (Office) November 2010 – July 2012

**Senior Financial Analyst**

* Developed flexible automated data process to accurately report monthly branch changes for over 250 multi-level branches using MS Access, VBA, and Excel
* Reduced monthly reporting by 5 days by replacing an Oracle report driven reporting structure to a relational database model confining hierarchy change to one place versus many as well as pulling all financial activity one time and aggregating based on hierarchy relationships
* Provided roadblock removal for Excel limitation with Payroll data. Excel could not store all of payroll data, so I developed an Access database solution to process the payroll files for GL import monthly

Vaco, Nashville, TN (Office) May 2010 – October 2010

**Senior Accountant (Contract Multiple Clients)**

* Improved IT daily labor forecasting accuracy by 25%. I collaborated with IT PeopleSoft developer to analyze root causes of data management issues and provided documentation for workforce analyst to use for data management.
* Developed an automated Excel VBA solution for chart of account conversion. The company transitioned from SAP to GP for GL system. Accountants used this tool to do fuzzy searches for an account in one system and it provided the account in the other system.

VF Imagewear, Nashville TN (Office) July 2008 – March 2010

**Cost Accountant**

* Developed automated process for building and maintaining annual budgets and monthly forecasts. I used Excel and VBA. This saved 2 weeks for annual budget preparation and 2 days each month for monthly forecast.
* Developed automated process for extracting budget detail data from over forty different budget files and building a single text file for loading into SAP general ledger. I used Excel VBA.
* Converted fixed assets reporting from Excel file with nested arrays to Access Database solution. The Fixed Assets Manager needed this because the Excel file would regularly crash when the Manager modified the file. This solution also provided a single point of change versus multiple change points. The monthly time savings from using the Access solution was 10 hours per month.

Bryce Corporation, Memphis TN (Office) June 2005 – March 2008

**Cost Accountant**

* Improved department engagement with monthly meeting with two employees I managed to discuss job challenges and encouraged to hear their ideas for improvement in our group.
* Decreased the time to produce monthly financial and costing statements by 4 hours each month by pulling all relevant financial data at one time and using Excel, VBA, and financial hierarchies to automate the build.
* Lead by example by helping my analyst team key in production reports into Access when we were behind reporting SLAs due to employee turnover.
* Increased materials cost visibility by utilizing SAP standard cost data as it related to production orders to help navigate and negotiate vendor contracts.
* Mentored product team in Excel to extend their analysis opportunities.