Matthew Walton
Architect, Systems Engineering - MicroStrategy, Inc

Strasburg, VA - Email me on Indeed:

● 16 years of experience in Database Administration for MicroStrategy's database certification and support labs infrastructure
● Expertise in database server installation, configuration and maintenance with outstanding troubleshooting capabilities
● Cloud database administration: Amazon Web Services (AWS), Microsoft Azure, Google BigQuery
● Experience implementing new performance-oriented database features such as SQL Server In-Memory OLTP and Columnstore Indexes, IBM DB2 BLU Acceleration and Oracle In-Memory Column Store
● Highly adaptable: strong experience in installing, configuring and evaluating new database technologies
● Experience using vendor-supplied import, export, backup, and database monitoring tools
● Proficient in SQL
● Expertise in ODBC/JDBC configuration and troubleshooting
● Strong experience in mentoring team members and writing documentation (internal and customer facing/ knowledge base)
Authorized to work in the US for any employer

WORK EXPERIENCE

Architect, Systems Engineering
MicroStrategy, Inc   -   Tysons Corner, VA - October 2015 to Present

22182
● Administers Cloud database resources (Amazon AWS, Google BigQuery and Microsoft Azure) for certification and benchmark projects
● Troubleshoots complex database/ODBC issues and provides expert analysis
● Administers the SQL Server, IBM DB2 for Linux, Unix and Windows, IBM Netezza, and Presto servers
● Creates and maintains the MicroStrategy database objects (responsible for SQL function push-down) for SQL Server, IBM DB2 for LUW, IBM Netezza, Presto, Google BigQuery and others
● Evaluates and oversees the distribution of ODBC and JDBC Drivers for the MicroStrategy Platform
● Performs data migration using tools such as SQL Server BCP, IBM DB2 load/import/export, and Oracle dump/data pump.
● Writes Best Practice/Integration papers for database technologies as they relate to the MicroStrategy Platform
● Serves as the primary contact for all ODBC/JDBC related issues from the field and customer escalations

Lead Database Engineer
MicroStrategy, Inc - November 2007 to September 2015

Created the database certification matrix for MicroStrategy releases
● Engaged in partner relationship management for RDBMS and ODBC vendors
● Created the Partner Certification test suite for distribution to new database vendors who wished to partner with MicroStrategy
● Trained new engineers in the Chinese Technology Center to provide 24x7 infrastructure support for the MicroStrategy certification and support labs
● Converted existing physical database servers into VMware virtual machines
● Certified Microsoft SQL Server Parallel Data Warehouse as a MicroStrategy Warehouse

Principal Database Engineer

MicroStrategy, Inc - August 2006 to October 2007

Administered the SQL Server, IBM DB2 for LUW, IBM Netezza, Sybase ASE/IQ database servers
● Mentored new database certification team members at MicroStrategy headquarters

Senior Systems Engineer

MicroStrategy, Inc - June 2002 to July 2006

Assumed responsibility of the database certification process for MicroStrategy
● Helped to ship MicroStrategy branded ODBC drivers for the first time
● Certified Netezza Performance Server for the first time as a MicroStrategy Warehouse
● Handled database and ODBC related help desk requests from Technology engineers/developers
● Evolved into the ODBC expert for MicroStrategy working on time-sensitive and high profile issues
● Assumed responsibility for administration of the Labs database infrastructure
● Worked with vendors to fix DBMS and ODBC issues

Systems Engineer

MicroStrategy, Inc - December 1999 to May 2002

Responsible for ODBC research, installation, and configuration
● Installed Windows 2000 on new hardware
● Created and updated existing Windows OS drive images for the Technology team

EDUCATION

B.A. in History
University of Virginia

SKILLS

database (10+ years), MicroStrategy (10+ years), MS SQL SERVER (10+ years), ODBC (10+ years), SQL (10+ years)

ADDITIONAL INFORMATION

TECHNICAL EXPERTISE
● Databases: SQL Server […] IBM DB2 for LUW […] Oracle Database […] Google BigQuery, SAP Sybase ASE/IQ, MySQL, Presto
● Database administration tools: SQL Server Management Studio, SQL Server Profiler, SQL Database Engine Tuning Advisor, IBM Data Studio, Oracle SQL Developer, MySQL Workbench
● Cloud services: AWS EC2 and RDS, Microsoft Azure and Google BigQuery
● Database client connectivity: ODBC and JDBC, Oracle SQL*Plus, DB2 Command Line Processor, SQL Server BCP
● Operating Systems: Windows […] and RHEL 5.x/6.x/7.x
● Business Intelligence: MicroStrategy
● ETL: Pentaho Data Integration, SQL Server Integration Services
● Source Control: IBM Rational ClearCase, GitHub, SourceTree
● Others: Agile Methodology of software development