

Brett Reed

Southlake, TX | 817-706-7500 | brett@texasdba.dev | <https://www.linkedin.com/in/brett-reed-texasdba/>

Results-driven Senior SQL Database Administrator with 17+ years of consulting experience optimizing database performance. Adept at disaster recovery while ensuring data integrity. Expertise in SQL administration, database design/architecture, and performance tuning. Assisted 6 companies in achieving database efficiency and business objectives. Managed on-prem and cloud database environments covering MSSQL, MongoDB, Sybase, Azure, and AWS RDS, for project management, automation, & collaboration within enterprise-level projects.

Professional Experience

Devprod Database Automation Inc. | Southlake, TX Consultant/Owner | May 2018 - Present

- Enhance server/database performance for 5 clients by curbing outages and amplifying high availability while trimming IT budgets(FinOps) by reducing Memory and CPU consumption
- Navigate intricate database landscapes with over 20+ years of automation, configuration, maintenance, and administration experience, ensuring unwavering performance, security, and data recovery
- Steer 3 ETL projects covering SFTP, Linux, Python, TSQL, and S3 for streamlined operations, cost-efficiency, and strengthened data integrity
- Automate server and database health monitoring using PowerBI
- Perform DBAoAI.com production performance audits using PowerShell and stored procedures with close attention to detail, driving 24/7 operations
 - Rewrite underperforming stored procedures based on data collected from cache
 - Eradicate key lookups and implicit conversions from query plans
 - Eliminate functions in "where clauses"
 - Analyze temp tables vs table variables
 - Increased disk i/o through put by implementing automatically sliding partitioned schema/tables
 - Correct or optimize configurations to optimize MSSQL
 - Optimize statics and fragmentation cycles to utilize all resources
 - Analyze queries and stored procedures statistics (io, time) to look for large scans

Lanvera Ltd. | Coppell, TX

Senior Production Database Administrator (Consultant) | January 2023 - Present

- Eliminated database production outages for entire engagement
- Optimized databases exceeding 2TB using triage/troubleshooting strategies to enhance performance
- Established and implemented policies, & procedures for rollout of Microsoft Azure SQL Databases
- Interviewed candidates for full-time DBA

FutureU Sports Corp | Southlake, TX

CTO/ (Consultant & non-profit) | December 2021 – August 2023

- Overhauled SQL Server system, including database design, AWS deployment, and agile methodologies, driving operational efficiency and business growth
- Spearheaded strategic technology alignment with business objectives, overseeing Node.js and React.js platform development to improve user experience and time-to-market
- Leveraged SQL Server knowledge to ensure 24/7 production stability, employing High Availability (HA) and Disaster Recovery (DR) features, replication, and performance enhancements
- Engineered AWS-rooted infrastructure for VPCs, subnets, security groups, EC2 instances, and more, utilizing IAM and CodeCommit, bolstering security and scaling capabilities

Your Digital Insurance Assistant Systems | Fort Worth, TX

Senior Production Developer DBA Consultant | September 2020 – May 2023

- Boosted insurance agency sales revenue by 13.8% by devising an automated sales intelligence pipeline, aligning insurance agent lead processing with national sales techniques
- Increased client retainment by 5% by pioneering standardized ETL processes using SFTP, Python, Lambda, and S3 for data processing 30+ insurance carrier files, enhancing client retention by identifying canceled plans and payment gaps
- Lead AWS-optimized database management, implementing DBAOAI managed services for AWS MSSQL instances, ensuring real-time monitoring, error alerts, and security
- Optimized databases exceeding 1TB using triage/troubleshooting strategies to enhance performance
- Implemented Domain and Active Directory to secure environment
- Windows and Linux System administrator
- Managed and guided development team

Lone Wolf Technologies | Dallas, TX

Senior Production Developer DBA Consultant | August 2020 – November 2021

- DBAoAI.com production performance audit and optimized 2 core databases (22TB,25TB) in size
- Enhanced server and database output by curbing outages and reduced CPU consumption by 25%
- Hired to eliminate database production outages and delivered on requirements

Cloudia Inc. | Fort Worth, TX

Senior Production Developer DBA Consultant | May 2018 – September 2020

- Spearheaded a DBAoAI.com production performance audit and optimized a core database over 1TB
- Reduced database CPU usage on core database server by 20%
- Automated ETL process using SFTP, Python, Linux Shell, TSQL to parse XML files against MSSQL database records and to move/match recordings files to S3
- Created PowerBI dashboards for the CEO to provide further details on sales team performance

Lanvera Ltd. | Coppell, TX

Senior Production DBA in DevOps | February 2018 – March 2019

- Drove a 20% reduction in database CPU usage on core database server
- Saved over \$100,000 in MSSQL licensing fees by consolidating and correcting licenses and migrating/updating SQL Server instances
- Optimized databases exceeding 2TB using triage/troubleshooting strategies to enhance performance
- Implemented on-site Always on Availability groups, SSRS and PowerBI Reporting Services
- Created automated rolling partitioned for tables in excess of 2 billion records and 120GB
- Outlined and implemented VMWARE best practices for SQL Server in order to increase disk performance
- Designed and implemented RBAC standards for Activity Directory
- Automated Server installations and patching for SQL Server using Azure DevOps and powershell

Mercer HR Services | Norwood, MA – Dallas, TX

Senior Production Database Administrator | February 2008 - February 2018

- Drove success as the main point of contact for solving issues by orchestrating performance enhancement across 165 production clusters with 5,100+ MSSQL databases and boosting overall efficiency
- Automated MongoDB deployment on Docker containers for 60+ instances, allowing seamless sharding, replication, encryption, and LDAP integration
- Trained and mentored offshore team members, fostering skill development and growth within the team
- Documented best practices and created naming standards for team
- Created, scheduled, and managed change control tickets for team to address off hours
- Engineered data repository for network communication, SQL Monitoring, system-wide Windows registry reporting, and disk space management via PowerShell for custom alerting on database critical resources
- Led 18 projects involving multi-node clustering, system migrations, TDE encryption, Always On, and data replication, collaborating cross-functionally to achieve successful completion
- Supported MSSQL, Sybase, DB2/ and Oracle
- Championed a 2TB data center conversion/migration from Sybase to MSSQL

Additional Experience

Tarware Inc. | SQL Developer/Owner, Mercer HR Services. | Senior Production DBA, SoftWorld Inc. | Software Tester, Putnam Investments | QA Tester, Federated Investors | Data Analyst, HOA Board Member | 6 years, Corporate Boards Member | 3 years

Core Competencies

Azure DevOps, Jira, Bitbucket, Designing and implementing ETL & Data warehouse processes (SSIS, SSRS, and PowerBI), AWS root admin for Cloud and Virtualization, Windows/Linux Operating System, Scripting and Automation (Lambda, Python, PowerShell, Linux Shell (sh,csh, ksh, bash), CMD/batch and TSQL), Database Management, DR Features (Always On, Mirroring), Communication Skills, Attention-to-Detail, Problem Resolution

Education

Bachelor of Science in Corporate Finance, Rochester Institute of Technology