

# Joe Obbish

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## Summary

Developer who solves organizations' toughest SQL Server problems. World class expertise in SQL Server query performance tuning, resolving scalability problems, and large-scale relational data warehouses.

## Professional History

Epic, Verona, WI

Business Intelligence Developer: 2011 – 2020

### *Making Customers More Successful*

- Cut SQL Server license costs more than 30% by increasing the scalability of the warehouse ETL product by 10X. The redesigned ETL can fully process 4 billion rows (1 terabyte) of source data into a single target columnstore table in under four hours.
- Avoided multimillion-dollar database platform migration costs for the largest customers by increasing the SQL Server scalability workload limits. Built a multi-year roadmap of Epic R&D projects and worked closely with the Microsoft engineering team on SQL Server 2019 features.
- Increased customer production uptime by establishing a process for expert performance review of unreleased SQL code. Tuned performance of queries against tables with billions of rows achieving up to 1,000X speed improvements before queries went into production.
- Reduced customer support hours by identifying new SQL Server configuration best practices, auditing customer setup and escalating critical deficiencies, and by finding the root causes of the toughest customer performance problems.

### *Making Developers More Efficient*

- Saved an estimated 20,000 hours of developer time by making over 3,000 corrections to proposed software design documents, finding and documenting 400 important issue tickets, creating internal tools for developers, and reviewing code in various contexts.
- Contributed to high quality software releases by efficiently completing hundreds of development projects and fixes using T-SQL, PL/SQL, and other programming languages.
- Boosted developer productivity by creating training classes and SQL tips and tricks wiki articles that accumulated over 13,000 views.

SQL Server Volunteering: 2016 - Present

- One of the [top 30 contributors of all time](#) for the Database Administrators Stack Exchange site.
- Created and released a columnstore index maintenance solution as [open source software](#).
- Presented at national SQL Server conference PASS Summit in both 2018 and 2019.
- Wrote nearly 50 highly technical [blog posts](#) about SQL performance and scalability.
- Taught a full day preconference session for the SQL Saturday New York City 2019 conference.

## Educational History

Bachelor of Science, Applied Mathematics

Case Western Reserve University, Cleveland, Ohio