

# Malina Muenich

Database Engineer

## Profile

Database Engineer with 2 years of experience in designing, implementing, and maintaining database systems. Proficient in SQL, data modeling, and performance optimization, with a strong background in troubleshooting and providing solutions for complex database issues. Adept at collaborating with cross-functional teams and ensuring data integrity, security, and seamless access for end users. Seeking opportunities to contribute technical expertise and a passion for continuous improvement in the field of database engineering.

## Employment History

### Database Engineer at Microsoft Corporation, SD

Mar 2023 - Present

- Implemented a database optimization project resulting in a 25% reduction in query response time and a 15% increase in overall system performance.
- Developed and deployed an automated data migration tool, streamlining the process of transferring data between systems and reducing manual effort by 60%.
- Spearheaded a team that designed and implemented a new database architecture for a critical application, improving scalability and supporting a 30% increase in concurrent users without compromising performance.
- Successfully recovered 99.9% of lost data after a major database failure, ensuring minimal disruption to business operations and preventing potential losses of over \$1 million in revenue.

### Associate Database Engineer at Oracle Corporation, SD

Sep 2021 - Jan 2023

- Led the migration of a major client's database to Oracle Cloud, resulting in a 30% reduction in infrastructure costs and a 25% improvement in query performance.
- Developed and implemented a new database indexing strategy, which increased query efficiency by 40% and reduced average response time by 20%.
- Designed and executed a comprehensive database performance tuning plan for a high-traffic application, leading to a 35% increase in overall system throughput and a 50% reduction in peak load times.
- Collaborated with a cross-functional team on the successful launch of a new product, managing all aspects of the database architecture and contributing to a 15% increase in company revenue.

## Education

### Master of Science in Database Engineering at South Dakota State University, Brookings, SD

Aug 2016 - May 2021

## Details

[malina.muenich@gmail.com](mailto:malina.muenich@gmail.com)

(123) 852-9139

123 Main St, Sioux Falls, SD 57104

## Links

[linkedin.com/in/malinamuenich](https://linkedin.com/in/malinamuenich)

## Skills

SQL

NoSQL

ETL

Hadoop

PostgreSQL

MongoDB

Oracle

## Languages

English

Italian

## Hobbies

Programming personal projects

Building and maintaining a home server

Attending technology conferences and meetups