

Thomas Mueller

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GOAL:

Apply my databases skills in a challenging full-time position related to databases.
Please do NOT contact me regarding contract positions, programming jobs or jobs paying below industry average.

SUMMARY:

- 5+ years of **database administration** experience in MySQL and **Microsoft SQL Server** version 2000, 2005 and 2008
- 15+ years of IT experience including hardware, programming and **databases**
- 3+ years of management experience as a **team lead** and department **manager**
- In charge of 6+ SQL Server instances containing over half a **terabyte** of data
- Strong **healthcare** background

EXPERIENCE:

Chief Data Officer at AMG-SIU

09/2004 – present

- In charge of 4 production databases and several development and testing databases containing over 285 million records with a transaction value of over \$5.7 billion.
- Played the role of a Database Administrator (DBA), Database Architect, Database Developer and Database Programmer.
- Designed and maintained several multi-tenant databases in Microsoft Access and Microsoft SQL Server to store and process medical claims for several clients.
- Programmed a replacement for the company's core system using set logic.
- Used replication to separate Business Intelligence (BI) and ad-hoc querying from OLTP.
- Normalized existing database tables and added referential integrity.
- Followed best practices for performance tuning and query optimization.
- Increased data quality and accuracy using different methodologies.
- Scaled and tuned the hardware and software to handle exponential data growth.
- Upgraded hardware from a single commodity server to multiple enterprise grade servers.
- Switch from internal storage to Direct Attached Storage (DAS) and then Storage Area Network (SAN).
- Evaluated Microsoft SQL Server 2005 and 2008 and defined upgrade paths.
- Responsible for the switch from Microsoft SQL Server 2000 to Microsoft SQL Server 2005.
- Moved data from Access databases into SQL Server to improve reliability and performance and eliminate downtime.
- Redesigned and maintained a Microsoft Access application run by over 25 concurrent users.
- Saved the company thousands of dollars by programming interfaces for industry standards such as HIPAA X12.
- Coordinated the creation of ETL jobs to load data from a multitude of different formats.
- Transitioned the ETL logic from Microsoft Access to SQL Server DTS and then to SSIS.
- Automated data loading which resulted in 90% less human involvement and therefore increased accuracy and processing speed.
- In charge of extracting, transforming and loading millions of records every month.
- Loaded several terabytes of data over the course of several years.
- Improved database security by utilizing logins, users, and roles.
- Created hundreds of views, stored procedures, functions and triggers.
- Created advanced statistics and complex reports for upper management and clients utilizing Microsoft Access, Crystal Reports and SQL Server Reporting Services (SSRS).
- Evaluated different tools and products, including Microsoft BizTalk.

- Localization/Quality Assurance at Intel** (as an Independent Contractor) 06/2004 – 09/2004
- Tested software and where necessary made corrections or filed bug reports.
 - Worked with processors as well as wired and wireless networking products.
- Research Assistant/Technical Officer at CGU** 09/2003 – 05/2004
- Enhanced the graphical visualization of large amounts of medical data.
 - Organized the Information Science Career Event (ISCE).
 - Coordinated several technical workshops.
 - Administered the website.
 - Ran the Microsoft Developer Network Academic Alliance (MSDNAA) program.
 - Set up and maintained several Wikis.
 - Implemented data mining algorithms in Java.
- Computer/Audiovisual Expert at *ict*** 03/1998 – 12/2002
- Assisted in the implementation of a CRM, ERP and inventory management system.
 - Managed and coordinated the setup and installation of projects worth over \$100K.
 - Motivated and supported team members and led teams of up to six people.
 - Achieved the highest client retention rate due to outstanding customer satisfaction.
 - Trained several clients from universities and the private sector as well as in-house staff.
 - Programmed kiosks and audiovisual systems using different programming languages.
 - Serviced existing installations in several different countries.

EDUCATION:

- Certificate in Business Intelligence and Data Warehousing** from UCI 09/2007 – 05/2008
- Master of Science in Information Systems** from CGU 01/2003 – 05/2004
- GPA of 3.95/4.0
- Bachelor in Digital Media & Computer Science** from Fachhochschule Furtwangen 10/1995 – 07/1999

ADDITIONAL INFORMATION:

- Started multiple recycling and energy conservation projects.
- Participated in several CIO roundtables, user groups and conferences.
- Presented at events such as the SoCal Code Camp.
- Supported the Microsoft DigiGirlz program.
- Joined several associations including SSWUG, PASS, ASIS&T, AITP, ACM and IEEE.
- Worked on projects for Apple, BMW, Daimler, Essilor, Evans & Sutherland, Fujitsu, Holland & Knight, IBM, Lawrence Berkeley National Laboratory, Microsoft, Olympus and Saab.
- Involved in projects in Germany, Austria, Switzerland, China, Mexico and Canada.
- Fluent in English and German. Basic communication skills in French and Chinese.
- Permanent resident.
- Willing to relocate and travel for business.

KEY SKILLS:

Skill	Level				Usage		
	Novice	Intermediate	Advanced	Expert	3-5 years ago	1-3 years ago	Current
Access				✓			✓
BizTalk	✓					✓	
Crystal Reports			✓				✓
Databases				✓			✓
Data Mining		✓				✓	
Data Warehouses		✓					✓
DTS			✓			✓	
EDI			✓				✓
ETL				✓			✓
Excel			✓				✓
HIPAA		✓					✓
Java	✓				✓		
KM		✓				✓	
Microsoft Project		✓				✓	
MySQL		✓				✓	
OLAP	✓					✓	
OLTP			✓				✓
PHP		✓				✓	
Project Management		✓				✓	
Programming		✓				✓	
RDBMS				✓			✓
Reporting			✓				✓
Source Control		✓					✓
SQL Server 2000		✓				✓	
SQL Server 2005				✓			✓
SQL Server 2008			✓				✓
SSAS		✓					✓
SSIS			✓				✓
SSRS		✓					✓
T-SQL				✓			✓
Virtualization	✓						✓
Visio		✓				✓	
VMware	✓						✓
Weka	✓					✓	
Wiki			✓				✓
Windows Vista			✓				✓
Windows 7	✓						✓
X12			✓				✓