



Direct Hire Group

Candidate #5761

SQL Server / Data Architect: Southern Suburbs

SUMMARY

I would like to use my extensive IT experience to help companies build, enhance, or maintain their database systems and database-driven applications. I specialize in SQL Server 2000/2005 database development work, but I have solid experience with several related technologies. My experience includes data modeling, database design, database administration, data import, data export, data transformation, end-user reporting, system architecture, user interface design, web application development, desktop application development, and more.

EDUCATION

ABC University, Bachelor of Science in Computer Science (Graduated Magna Cum Laude in 1981 with 3.8 GPA)

TECHNICAL SKILLS

- SQL Server 2000/2005, Database Management Tools
- Visual Studio .NET, Visual Studio 6, Visual SourceSafe
- Windows (many versions), Windows Server, IIS, Internet Tools
- Microsoft Office, System Utilities, Network Utilities, Graphics Utilities
- Languages: Transact-SQL (T-SQL), HTML, ASP.NET, ADO.NET, VB.NET, VB 6, VBA, VBScript

EXPERIENCE

03/07 to 01/08 *ABC Company – President, System Architect, Jack of All Trades*

I left my past position in March of 2007 to pursue a business idea that began in the middle of 2006. The idea included building a database-driven public web application. The system uses five different kinds of servers (database, web, file, SMTP, and custom). It was designed with security, stability, and scalability firmly in mind. The project required me to apply most of my existing technical skills, and learn a few new ones. I was solely responsible for the system architecture and the database development. I did the vast majority of the user interface design and development. I defined a framework for the business logic and I guided the creative work (graphics and words).

I still have a role with this company, but it's no longer a day-to-day role. The website is up and running and others are handling the marketing and promotional activities. I may work on web application enhancements from time to time, but any such involvement would not be required during normal business hours. I'm looking forward to new challenges. This service runs on Windows Server 2003 systems. The ASP.NET web application uses the .NET Framework version 2.0. The code-behind language for the web application and the custom server application is VB.NET. The database is built on SQL Server 2005 with the vast majority of business logic being contained in stored procedures.

05/01 to 03/07 DEF Company – Senior Data Architect

My initial work here involved data collection, data manipulation, and end-user reporting. I quickly became the database person for the new company. I did data modeling, database design, database administration, data import, data export, and data transformation. I led a small team of database developers whose main work involved extracting sets of data from the central database and manipulating the data in preparation for end-user reporting. I was also very much involved with architecting the flow of data and files through a variety of networked systems, including the mission-critical corporate web application. I used several different software tools to perform my work. I had Query Analyzer and Enterprise Manager running all day, every day. I used Profiler and other Microsoft tools as needed. I used ER/Studio for data modeling, and also for VB.NET code generation and T-SQL code generation. I used Microsoft Access for stand-alone database applications. I used Microsoft Excel for presenting tabular data. I used Microsoft Word for all the usual purposes. I used a variety of text editors, each one having different strengths.

During my time I also engaged in database development work as a hobby. I created a library of about 100 general purpose T-SQL stored procedures. The routines were used on a daily basis, and I still use them. I authored a short Database Architecture e-book which discusses several important concepts in the context of SQL Server. The e-book is still freely available for download on the internet. I also authored many database architecture and T-SQL articles for online publication by a variety of SQL Server websites. Most of the articles are still online.

PAST EXPERIENCE

I have almost 30 years of experience in the IT industry. I began doing Apple II programming in late 1978. It was my primary platform for more than a dozen years. I had a very strong interest in computer networks at the same time and I developed many Apple II software products specifically for a network environment. I began doing Macintosh programming in late 1991. The Mac became my primary platform for the next seven years. As before, the software products that I developed were often targeted to a network environment, including a pair of innovative Macintosh utilities.

My Apple II and Macintosh software was developed using mostly assembly language, with a UI shell built using BASIC. Several of the products were mainly for the education market. I began focusing on database work in late 1998. Most of my initial development was done with Microsoft Access. Many of my Access databases connected to much larger back-end databases and pulled in selected data for local manipulation and reporting.

08/99 to 01/07	ABC Company – Owner/Developer
08/00 to 05/01	DEF Company – Technology Consultant
08/98 to 08/99	GHI Company – Student Information Supervisor
07/92 to 08/98	JKL Company – Owner/Developer
10/89 to 07/92	MNO Company – Product Developer
09/86 to 10/89	PQR Company – System Analyst
07/82 to 05/86	STU Company – Programmer/Analyst
08/81 to 05/82	VWX Company – Technology Coordinator
06/79 to 08/81	YZ Company – Programmer/Analyst