**Li Cai**

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**SUMMARY**

Talented and enthusiastic database & systems administrator with ten years IT and five years SQL database experience in a $4 billion revenue company. Proficient in Microsoft SQL databases server management. Expertise in utilizing database software, client server and web development methodologies for various kinds of applications. Strong knowledge and skills in windows systems administration; programming in T-SQL; Windows script and ASP.net. Extensive skills in SAN technology and VMware virtual host administration. Excellent reputation for dedicated teamwork, high-energy work ethic, and commitment to customers.

**PROFESSIONAL EXPERIENCE**

Northwestern Medical Faculty Foundation, Inc. – ([www.nmff.org](http://www.nmff.org) )

**Key Contributions:**

* Upgrade/Replace company’s Finance/Business Database server (From SQL 2000 to 64 bits SQL 2005) with data migration to SAN. Eight critical databases were migrated with more than 800 database’s users who access nine applications.
* Upgrade/Replace company’s major EPIC ETL server (from SQL 2000 to 64 bits SQL 2005) with data migration to SAN. Design and deploy BI front server (Business Object) for reporting.
* Design and implement company first SSRS server.
* Build data-driven systems inventory web application.
* Implement and administer company’s Internet and Intranet sites.
* Implement and support Company’s critical application systems.
* Built company’s first Production Ubuntu system.
* Implemented and administer virtual SQL production servers in VSphere 4.

**Database & Systems Administrator,** 12/1999 - Present

* Lead on SQL server consolidation and migration to SQL server 2005 Project.
* Install, configure, administer, and secure our SQL production servers with SAN storage.
* Leader in major activities: advanced performance tuning, database design, and capacity planning.
* Design custom-tailored backup/restore and disaster recovery plans for production servers.
* Troubleshoot performance issues and fine-tune queries and stored procedures.
* Write code and create jobs to automate repetitive tasks.
* Upgrade and upsize databases from earlier versions to the latest versions.
* Responsible for logical and physical designs for application and database tuning.
* Build data-driven systems inventory web application.
* Web master for the corporate website. Migrated the web site to a new web server and later created a new site from scratch.
* Monitor SQL Server and database status including CPU, Memory, I/O, Space, and Dead Lock using Heroix and SQL Server Utilities.
* Established standards for SQL installations, maintenance, tuning, and coding standards.
* Implemented strategies for high database availability and scalability.
* Deploy and maintain corporate ETL and SSRS systems.
* Implement and support critical business data-driven application systems.
* Support secured web application with 128 VeriSign SSL certificate.
* Maintain SQL database servers as web backend and for data warehouse.
* Implement virtual servers for server consolidation.
* Built and administer several clinical HL7 systems including PACS systems.
* Install and configure MS Team Foundation Server.

**TECHNICAL SKILLS**

* C, VB.NET, ASP.NET, T-SQL, SSIS, DTS, Powershell
* SQL Server 200x
* Visual Basic; Visual Studio, Visio 2007/2010, Acess200x
* Windows 2003/2008, VMware, Unix

**EDUCATION & HONORS:**

* Computer Science 1999
* Northern Illinois University
* Master of Science, Electronic Engineering Technology 1998
* Pittsburg State University
* National Honorary Membership of Pinnacle Honor Society 1998
* Graduate Student Award in Pittsburg State University 1998
* Information Services Outstanding Teamwork Award 2008