Resume of Laura Prowicz
Laura Prowicz - laura@udonet.com
http://www.udonet.com/prowicz/resume/
updated: September 2017

OBJECTIVE :

To secure a challenging senior-level database engineer and/or operational engineering position requiring extensive database skills & knowledge in a highly integrated data center or cloud-based environment.

TECHNICAL SKILLS (see also skills matrix):

Database Administration/Engineering
- Primary focus on Microsoft SQL Server - All modern versions from SQL Server 2005 through SQL Server 2016 (20+ yrs)
- Secondary focus on MySQL & Postgres on Linux or Windows: Five years of production & semi-production experience
- Strongest skill sets: System architecture, engineering & performance, high availability, replication (SQL Server & 3rd party tools)
- Experience in everything from engineering & supporting a single application (VLDB, OLTP, BI/DataWarehouse) soup-to-nuts to managing 1,000s of SQL Server databases over 100s of enterprise systems (outsourcing environment)

Database Development/ETL/Reporting
- Primary focus on SQL Server Programming to effect automation of operations tasks: Stored procedures (T-SQL), Command line (classic Windows, PowerShell, some workmanlike unix skills)
- Secondary focus on integration programming to support ETL tasks: SSIS, custom code, data transformation & extraction toolsets
- Familiarity with reporting tools & functions (SSRS) as a developer (more skills as an administrator)

Application support
- Database query analysis & tuning
- Database manipulation, trouble-shooting & problem resolution
- Operating system & web application support

List of products
> Windows Server 2008, 2008R2, 2012, 2012R2, 2016; SQL Server 2005, 2008, 2008R2, 2012, 2014, 2016; MySQL, PostGres, LinuxOS including CentOS, Ubuntu, Red Hat; AWS, Azure, VMWare, VirtualBox, Hyper-V; EMC Symmetrix VMAX, IBM Storwize, IBM Isilon, NetApp E-Series, Oracle ZFS, Cellera, VNX; HP Openview, Nagios, SolarWinds, Red Gate, Idera, Spotlight, SQL Sentry; JIRA, CA Service Desk; IIS, Apache, others

CAREER HISTORY :

CellTrak Technologies, Schaumburg, Illinois
Small start-up providing an outstanding home-healthcare mobile app: iOS, Android and BB10. Each client site includes an unlimited number of mobile devices and an internet-based administrative portal backed by a highly customized MySQL database providing extensive configuration possibilities for the mobile devices & portal as well as transaction storage. LAMP stack plus several supporting technologies including Symphony, Doctrine. All hosted in AWS environment on Linux CentOS w Apache & PHP.

Sept 2016 – Present   Tier 3, Operations Support Engineer
- Working as a Level 3 operations support engineer in the R&D Department alongside the development team. Handling all escalated support issues from front-line support including intricate MySQL database manipulation, pawing through PHP code, application & apache logs, creating technical procedures and operational how-to documentation. Close collaboration with the developers in every aspect of the role.

Ensono (Formerly Acxiom IT), Downers Grove, Illinois
Ensono, Global IT Outsourcing. Formerly Acxiom Information Management Services & Outsourcing.
Three positions with the company from Nov2009-Aug2016 as outlined below.

Nov 2009 – May 2011   **Sr. SQL Server DBA (Technical Lead)**
- Responsible for 24x7 Technical Lead (8-person team) operations database support of Acxiom outsourcing client's database infrastructure - over 20 clients, 300 instances, 3,000 databases; clustered, stand-alone, various types of High Availability configurations (log shipping, replication, mirroring, DoubleTake, Recover Point, LiteSpeed/Netbackup NAS backup, BCV strategies, byte-level SAN replication)
- Routine maintenance and management as well as primary troubleshooting/remediation point of contact for 64bit Windows 2008R2 multi-node clusters (Active/Active/Active), SQL Server 2008R2 Enterprise, EMC & IBM SAN solutions, Veritas Storage Foundation, NAS, BMC Patrol, CA Service Desk, more
- Completed T-SQL database operations development projects in spring 2012 including:
- Comprehensive, totally automated SQL Server (2000/2005/2008/2008R2) native backup process with a simple, easy to use roll-out procedure suitable for scheduling and managing through the SQL Agent (still in use in 2017 across all clients, all hosts)
- Targeted, totally automated SQL Server (2000/2005/2008/2008R2) index maintenance and statistics update process with simple, easy to use roll-out procedure suitable for scheduling and managing through the SQL Agent (still in use in 2017 across all clients, all hosts)
- Primary point of contact for development of in-house standards for: Intel server builds (destined to become SQL Servers), SQL Server installation, database settings, performance configurations, SAN/disk configurations/allocations and physical database design, monitoring parameters, alerting strategy.

May 2011 – Aug 2015   **ESAN Storage Administrator**
                                    SQL Server Developer/Engineer
- Jr level SAN Administrator on a 20-person technical operations team supporting large storage infrastructure: EMC, IBM SAN, Cellera, VNX, Isilon, NetAPP NAS.
- SQL Server Development, architecture & engieering a large Business Intelligence (Datawarehouse) system used to produce twice monthly tabulation of all SAN device GB allocations by client, by host, by storage tier for invoicing. Project included: SQL Server 2008R2/2012, all T-SQL and ETL programming, database design, systems architecture, data strategy/integrity.

Aug 2015 – Aug 2016   **Sr. SQL Server DBA**
Back to the SQL Server DBA Team

Incisent Technologies, Chicago, Illinois
Incisent Technologies owns & operates the First Look automotive industry portal (short engagement on several large performance issues)
June 2009 – November 2009   **Sr. SQL Server DBA (Lead)**
- Responsible for 24x7 lead operations database support of Incisent's complex system of 64bit Clustered SQL Server 2005 environments (EMC/Clarion 320 SAN) that power the FirstLook system.
- Responsible for daily ETL processes (SSIS); performance monitoring and routine operational DBA tasks; T-SQL scripting; documentation and development of standard operational procedures.

CQG, Inc., Chicago, Illinois
CQG leads the way in providing analytics software and trading solutions.
April 2008 – June 2009   **Sr. SQL Server DBA**
- Responsible for primary and backup DBA support of the CQG, Inc. SQL Server 2000 and 2005 high-transaction trading environments running on Clustered SAN environments.
- HP and DELL SAN technologies (various), Texas Instruments solid state disk, Windows 2003 Clustering, SQL Server 2000, 2005 and 2008, 64bit environments, system failover technologies including Double Take, Microsoft Database Mirroring, and Log shipping, SQL Server replication, TSQL scripting, database maintenance automation, enterprise monitoring applications including IPMonitor, Quest Spotlight on SQL Server.

NewEdge Group (formerly Fimat, LLC), Chicago, Illinois
Newedge offers global, multi-asset brokerage services on a range of listed and OTC derivatives and securities.
June 2006 – April 2008   Sr. SQL Server DBA (Lead)
- Responsible for team lead 24x7 DBA activities encompassing a large and volatile inventory of over (100) standard and enterprise Microsoft SQL Servers, including 64bit SQL Server clusters, EMC SAN technology and other high-end systems. Responsible for directing the project and support activities for one junior SQL Server DBA.
- HP and EMC SAN technology, Windows 2003 Clustering, SQL Server 2000 and 2005, 64bit environments, system failover technologies including EMC Geoclustering solutions, SQL Server replication, TSQL scripting, database maintenance automation, enterprise monitoring applications including MOM and Idera Diagnostic Manager.

Nicor Gas, Naperville, Illinos
November 2005 - May 2006   Sr. SQL Server DBA
Short engagement on a new database backup strategy & implementation for their large inventory of SQL Servers.

Career Education, Online Education Group, Inc., Hoffman Estates, Illinois
Career Education Corporation's Online Education Group operates American InterContinental University Online and Colorado Technical University Online.
March 2005 – November 2005   Sr. SQL Server DBA (Lead)
Responsible for team lead 24 x 7 DBA activities encompassing a diverse inventory of over (40) standard and enterprise Microsoft SQL Servers, including three large Unisys 64-bit, 8-way and 16-way SQL Server clusters. Responsible for directing the project and support activities for one junior SQL Server DBA.

OfficeMax, Inc., Itasca, Illinois
OfficeMax is a leader in both business-to-business office product solutions and retail office products.
October 2002 – March 2005   Sr. SQL Server DBA (Lead)
Responsible for team lead 24 x 7 DBA activities encompassing a diverse inventory of over (40) standard and enterprise Microsoft SQL Servers, representing all modern versions from 6.5 through 2000 and over 300 distinct databases (several 1TB+ VLDBs and OLAP systems).
Responsible for directing the project and support activities for two junior SQL Server DBAs.

MIDAS, Inc., Itasca, Illinois
April 2001 – October 2002   Sr. SQL Server DBA (Lead)
BLUEMETEOR, Inc., Chicago, Illinois
July 2000 – April 2001   Sr. SQL Server DBA (Lead)
TRIBUNE COMPANY, Chicago, Illinois
June 1998 - July 2000   Windows NT Admin (Team Lead), DBA Specialist
June 1997 – June 1998   SQL/Web Developer, Independent Consultant
<employment history prior to 1997 intentionally omitted>

<u>ACADEMIC HISTORY :</u>
SOUTHERN ILLINOIS UNIVERSITY, Carbondale, Illinois
June 1988   Bachelor of Science, Electrical Engineering

<u>PROFESSIONAL STRENGTHS :</u>
Excellent communication and presentation skills.
Strong aptitude for project development, management and organization.
Self-starter with an ability to work independently or as part of a team.

<u>PROFESSIONAL REFERENCES :</u>
Available on request.

Resume of Laura Prowicz

Skill Set	Competent	Above Average	Expert
Hardware & Engineering			
Server architecture		X	X
Database architecture			X
Disk (SAN, NAS, etc)	X	X	
VMWare		X	
Software Installation & Support			
SQL Server (all versions, editions)			X
Unisphere (EMC) VApp		X	
Linux	X	X	
mySQL		X	
Windows (Server)		X	X
SQL Development			
T-SQL Programming, other associated languages			X
SQL Server operations automation (creating)			X
Web site hosting, development, coding, support			X
Infrastructure operations			
SQL Server HA design, planning			X
Replication, RPA, Mirroring, Log shipping, etc.		X	X
Large Enterprise environments (many instances & databases)			X
VLDBs, Datawarehouse, ETL		X	X
Performance			
SQL Server internals		X	
Physical database architecture			X
Query tuning		X	

Resume of Laura Prowicz

Skill Set	Competent	Above Average	Expert
SQL Server (all versions)			
Performance tuning, basic (query tuning, indexing, statistics, etc)		X	
Manage sm-med projects (size, complexity)			X
Technical leadership & thorough well-written documentation			X
Spec out, design and build hardware environments, including disk, install SQL Server			X
Performance tuning, medium including environment (operating system, networking)			X
Intellectual curiosity, self-driven, enjoys exercising a wide range of skills often			X
Good communication & presentation skills, works well w a variety of professionals			X
Advanced scripting/programming expertise & automation			X
Incidents sm-med limited complexity			X
Problem solving sm-med limited complexity			X
Manage large projects (size, complexity)			X
Performance tuning, complex including hardware (disk, cpu, memory, database engineering)			X
Incidents major very complex			X
Problem solving major very complex			X