

# Sam Noorani

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## PROFILE

Over Ten years in System Analysis (Requirement Gathering), Architecture, Capacity planning, Design (Logical and Physical data model), Security, Development, Application Monitoring, Application and database Performance Tuning, Production Support, Data-warehousing, Development of Supply chain system , Design of Complete ETL processes, system support and Maintenance, system Testing, Troubleshooting, programming, and Documentation using NETEZZA [7.1], TERADATA[14], **Oracle [8i, 9, 10G, 11G]**, Sybase [10, 11, 12.52 ASE], Tandem Non-Stop SQL, SQL Server (2000, 2005, 2008R2, 2012), SQL Server optimization, SSIS, SSRS, SCCM, PeopleSoft HR, PeopleSoft Financial, ODBC, PowerBuilder [6.5, 7, 8, 9], JAVA, VB, C/C++, **PL/SQL**, T-SQL, **Unix, Linux**, ISQL BCP, DB Artisan, TOAD, Power Designer, Erwin, ER Studio, Data Masking, **Crystal Report , SQR**, Autosys, CA-7, FileNet, Documentum, **Informatica**, MS Office, **JIRA**, Perforce, PVCS, VSS, CVS, Remedy. UNIX, LINUX and Power, Shell Script.

## EDUCATION

B.Sc. Computer Science Concordia University, Montreal, Que.

B.Sc. Mechanical Engineering, Brighton Polytechnic, Brighton, UK

## EXPERIENCE

2018 - To date                      Client: NDA Toronto, Ont.

Business: database Consultant

Oracle/SQL Server DBA/Developer Consultant

2017 – 2018                      Client: Capgemini Toronto, Ontario

Business: Consulting Finance

TERADATA DBA

Creation of multiple performance testing environments

Applying the performance patches to the environments

- Database Environment Creation (over 100TB database), users, groups and Environment setup
- Database Performance tuning
- Data Loading
- Root cause analysis

Using Teradata, Linux shell script, Sybase, ETL, JIRA, Perforce, and Autosys

2018 – 2017                      Client: NDA Toronto, Ont.

Business: database Consultant

## Oracle/SQL Server DBA/Developer Consultant

2014 – 2015                      Client: TD Bank Toronto, Ont.

Business: Credit Card

NETEZZA DBA Data warehouse

- Developing all the database infrastructures using Linux shell scripts like, DB backup(Full and INC), DB restore, database jobs like Stats, Groom, Host backup, DB Reverse Engineering, View dependencies, Best Practices, HISTDB, Session Info, show locks, and Vacuum using CA7 , TSM, and Linux.
- Production Support of MBNA Credit Card Data warehouse
- Bank of America 2Tb Data Migration to NETEZZA in TD Bank
- Capacity study, System design, backend infrastructure specification to handle 8T of database, with DR with 2 days SLA, and HA
- Creation of database Environments, groups, users, and data masking
- HA Fail over, and DR design to achieve 48 hours SLA requirement,
- Production support, Trouble shooting all the database issues
- Working with developers to Fix SQL Performance issues
- Created Linux jobs to use NETEZZA triggers to notify the Production support of issues
- Helped the Off-shore developers to identify the outstanding SQL queries
- NETEZZA Scheduled Internal Maintenance jobs using CA-7
- NETEZZA Table redistribution, Performance Portal set up, Admin portal
- Database code promotion to DEV, QA, and PROD

2013 – 2014                      Client: SLGA Regina, SK.

Business: Liquor Retails Systems and warehouse

Oracle/SQL Server DBA/Developer

- Support of Oracle 8i, 10G and 11G, database restore, Backup, Monitoring, creation of Test, QA support, and Development databases, applying data fixes, fixing production issues.
- Development support, Production Support, ETL design and development
- Production Support of Magic, PeopleSoft HR/Oracle11G and PeopleSoft Financial/Oracle10G and several in house applications
- Restore of Oracle DBs (10 and 11) from any copies of the production, apply data masking and provide a PeopleSoft environments for testing.
- Support of SQL Server 2005, 2008, 2008R2, and 2012, Installation, upgrade, database refresh, Monitoring, backup and restore using SSIS
- Development of SSIS to get all the servers and PC error logs using SCCM
- SSIS package to restore any copy of Production DBs to any environment, restore the Environment's users and apply specific data masking to that environment
- Production Support of TFS, SSRS report server, and Share point server.
- Creation of installation documents for SQL Server including 2012
- SQL server, Installation. And Retail store installations, including new reports into SSRS

- Embarcadero ER Studio Data Architect for Marketing database with audit triggers
- Help the development of new warehouse management system using WEB Services.
- Monitoring all the SQL Server servers using Idera software.
- SQL Server database and table replications

2011 – 2013                      Client: Mandor International Toronto, Ont.  
 Business: IT Consulting  
 Consultant

- Creating billing system using SQL Server. System design, System analysis, Requirement gathering, and development.

2008 -2011                      Client: Manitoba WCB Winnipeg/Toronto, MB/Ont.  
 Business: Workman Compensation Board  
 Data Migration

Multi-phase incremental data migration(ETL) of an assessment database, with real time updates between the two databases (Old and new), till the old system retires. The process was involved identification of database issues, data cleansing, data verification, creation of data dictionary, data definition, mapping table, complete ETL processes, complete database conversion from old database to new database and translation of new concepts back to old database, while supporting the old application and old database Using Toad, SQL Server 2000 and 2008 and SSIS.

2007 -2008                      Client: Capital Group. Irvine, CA  
 Business: Mutual Fund and Global Data Feeds to the Major financial Institutions  
 ETL Migration

Project: Investment Systems migration and production support  
 Migration of a financial datamart reporting system into two business entities. Splitting the database, application and all their objects, Informatica ETL objects, reporting objects, scheduling objects, systems, and all of its supporting infrastructure along the business lines. Splitting, testing and verifying all the reports to show before and after split reports are identical, via shell scripts. Rotational 24/7 production support for all the data feeds to worldwide financial clients and all the databases involved Using the following tools, Sybase 12.5 ASE, shell scripts to verify the report before and after splits, Informatica, Apache Tomcat servers, Sybase Open Servers, PowerBuilder 9.0. SQR, and Autosys.

2006-2007                      Client: Boston Public School, Boston, MA  
 Business: Public School  
 DBA/Migration Process

Migration of the SEIMS database from Main Frame to SQL Server. Design and development of the new database. Developing an ETL process which continuously creates a database and overlays data on a daily basis; based on data extracted from main frame. This process creates the database and all its objects on

daily basis totally unattended, based on the mainframe database extract, all the scripts automatically extracted from the visual source safe to create the database objects. Creation of new schema. Helping the developers with coding standard, performance tuning, putting process control, Visual Source Safe Version control, Database Releases. Extensive SQL was used to extract all the data without duplicates, change the data structure and schemas, synchronize with other databases, with an overlay process to continuously move data from the Main Frame to production till the Main Frame completely shuts down. Using Erwin, DTS packages, Backup, restore and SQL server trouble shooting

2006-2007                      Client: Affinity Group, Denver, CO

Business: RV and Leisure business

DBA Manager

Managed 4 SQL Server Data Server boxes, Standardize and Organizing all the jobs, centralizing the backup for all the servers using NetBackup, setting up table replication for Sybase to SQL Server, developing ETL between Sybase and SQL Server, helping the developers with coding standard, performance tuning, putting process control and monitoring using BigBrother.

Sybase and SQL Server. This involved database backup, database restore, dropping SYBASE replication and shutting down SYBASE server, and monitoring all databases and their respective processes.

Using Oracle [9i], Sybase [11.9.2, 12.5.2] with Sybase replication 12.6, SQL Server [2000, 2005], Power Designer, BCP, DTS, SSIS, several WEB applications.

2005-2006                      Client: John Hancock, Boston, MA

Business: Annuity and Insurance

Migration/Integration Consultant

Project: Database Migration from Sybase to SQL Server for AWD workflow App Migration of Database from Sybase 12.0 on Sun Solaris to SQL Server 2000. with new database schemas, Extensive precise SQL was used to migrate data (ETL process), validate, enforce data integrity, data cleansing. and monitor extraction of the precise number of records exported and imported. Capacity study, system design, database design, backend infrastructure specification to handle data, images, documents Migrated data, documents, comments from Sybase database to SQL Server, FileNet, and AWD workflow.

Using Power Designer, BCP, DTS, SQL server, EMC SAN /Powerpath, FileNet.

2004- 2005                      Client: Investors Bankers Trust, Boston, MA

Business: Back Office Banking, Hedge Fund application

SQL Server/Sybase DBA

Project: Application/Database Tuning FileNet/SQL server/Sybase and production support

Support of Sybase 12.5 Databases, Installation, Sybase replication, Fail-Over to the DR server databases, Performance tuning, creation of training server in Dublin

IR. Database backup, restore Database recovery after massive power failure in our data center.

Managing 6 boxes of Sybase Data Server each having several databases

Migration of Sybase from windows 2000 to 64 bit Sun Solaris using ETL Process as there was migration process in Sybase,

Upgrade the Sybase 12.5 to 12.5.2

Upgrade Sybase character set to Unicode character set

Capacity planning, and hardware selection and configuration of Sybase, replication

Testing and documentation of all the failover codes.

Review of Sybase HA

Installing and supporting Sybase database

Setting up all the database jobs for all the databases involved.

Production and development support of Sybase databases.

Running the Equitrack using Citrix solution

Advised the vendor and developers to re-design the database and coding to increase the performance.

Provided guidance to the Vendor and the developers to improve their code for performance, deadlocks, log errors and trace errors.

Sybase re-configuration to increase the parallel processing by changing to row level locking, spreading the database component over multiple drives, increasing number of locks, pinning tables to memory, increasing concurrency of temp tables, many more to improve the performance of the database.

Managed and Support of SQL Server 2000, SQL Server optimization, trouble shooting and performance tuning of FileNet application, made recommendation to FileNet vendor to dramatically improve the performance of the application,

Backup and restore

Trouble shooting FileNet application on SQL Server for performance bottle neck.

2001-2004 Client: NetLink Professionals Toronto, Ont

Business: IT Consulting

Developer

- Enhancement to an insurance application with connectivity to Java using Powerbuilder 9 and Oracle 8

- Configured the CARSIS (Contract Management Software) software package for different clients. This involved in creating extension tables, store procedures, making database enhancements, to the current software package which was originally designed for the pharmaceutical industry.

Environment: PowerBuilder [7,8], Oracle [8i,9i]

2000-2001 Client: First Energy Corp. Akron, Ohio

Business: Nuclear Electrical Energy production and transmission

Migration consultant

Project: Data Migration of several Oracle Databases

Developed a data migration plan for Taskmaster Nuclear training system to a training system using Oracle 8. This involved Data Modeling, Data conversion,

and Creation of a mapping table to fix the data structure differences to prepare the database for smooth migration.

Environment: Oracle 8i, PL/SQL, PowerBuilder 7.0 PFC, S-Designer

1999-2000                      Client: A.I. Credit (AIG Insurance) Wall street, NY

Business: Auto Insurance, and Computer Leasing Data warehouse

Developer

Project: Developing Automatic notice generation and enhancing and debugging Leasing and insurance application

Developed Automated insurance notices (such as Welcome notice, Billing notice, Cancellation notice, Overdue notice, etc.) generation for the company's client by retrieving the data from Sybase and merging it to the right template letter and sending the resulting Data to the professional mail houses. This used Meta Data to locate information automatically such as locating the nearest customer service locations to any address in US. Managed the Development of the Remarketing part of a Leasing application.

Environment: Sybase 11ASE, SQR, DBArtisan, PowerBuilder [5, 6.5] PFC, UNIX shell script

1998-1999                      Client: Swiss-Re Insurance, Toronto, Ont.

Business: Re-Insurance

Developer

Project: Developed data upload application, Developed a Data warehouse application and enhanced and debugged an insurance claim application

Designed, developed and implemented Flexible Interface system which enables the user to Create, Modify, Execute, and monitor batch processes to load data; in any format; into any column of a Sybase table dynamically (Dynamic ETL Design to empower the user). The system also has a sophisticated pre-load validation, complex net calculations, and multiple table synchronization which can be queued, and run in the back end on Sybase with the user initiation from front end. The system uses Power Builder, Sybase V10 and V11 store procedures, DB Artisan. The system has dynamic GUI PB6, dynamic creation of store procedure by the user, and dynamic selection of store procedure to run for the batch process. Database Performance tuning and monitoring Setting up the Application and Database security Developed data warehousing application through creating MetaData with the complete ETL processes. Defined Scenario Objects used to help the Actuaries to calculate the amount of reserves necessary for various types of insurance business under varieties of scenarios. Enhanced the CIS (Claimant Information System) to keep track of claimants and their payments.

Environment: Sybase [10, 11 ASE], Rapid SQL, PowerBuilder[5, 6] PFC, UNIX Shell script .

1997-1998                      Client: Green Shield Canada, Toronto, Ont.

Business: Pharma

Developer

Project: Developed a complex reporting application for the government's prescription drug program for the seniors  
Managed the Development of a complex reporting application (very large database of all the drug usage by the seniors) through Tandem ODBC connection for the government's prescription drug assistance program for the Seniors.  
Extensive application tuning to improve the performance of Tandem Table joints  
Environment: Tandem non-stop SQL, PowerBuilder5.0, PVCS

1996-1997                      Client: American Red Cross, Vienna, Va.

Business: Healthcare

Project Manager

Project: Managed the development of a Blood shipment tracking system  
Managed the Development of a blood shipment tracking system. Creation of Database Objects with multiple schemas, and Data Modeling using Erwin,  
Managed the Frontend development, system testing, and documentation for a Central System called Fractionator Plasma Management system (FPMS). A client server application based on Oracle V8, Delphi with Crystal Report which keeps track of all the blood shipments of the regional Red Cross offices around United States to the Fractionators (Factories to extract blood by products). Managed a team of 5 Developers/Tester/Technical Writer, Continuous liaison with the customer, to ensure customer satisfaction throughout the application development.  
Environment: Oracle 8, Database design, Erwin, Crystal Report, Delphi, Pro-C, PL/SQL.

1996-1997                      Client: AT&T, Dulles Corner, Va.

Business: Telecom

Business Analyst

Project: Enhancement of telephone line ordering system  
Designed system specification to automate the data entries for the 800 lie features.  
Responsible for the following features:  
· Change Selection of ISDN features  
· Upgrade the Customer Routing Control Service and Intelligent Call Processing features  
· Improved the selection of On-line Call Detail Data/ Real Time.  
· Synchronized the data entry of the 800 International dialing number, to the other AT&T systems Conducted both team and management walk-through

1993-1996                      Ford Electronics Manufacturing Corp. Markham, Ont.

Business: Automotive Electronics Manufacturing

Software Engineer/Project Manager

Project: Design and Development of Supply chain system, Materia Flow, Real-time Inventory, Scheduling system, constraint management system, Production count system, JIT tracking and failure tracking system  
Development of standard PC configuration with single point worldwide application upgrade and application sharing

**Manufacturing Metrics** systems like **JIT**, machine down time, quality, etc. with world wide application and database sharing

**Winner of Canada's Excellence award in Quality**

Managed the Development and Implementation of a Failure Reporting and Tracking dashboard system. PowerBuilder dashboard application, Oracle-Form with Oracle PL/SQL database engine running on HP-UX platform. The system consists of HP terminal servers running oracle forms. (Total cost \$250,000)

Managed the Development and Implementation of an Electronic Buffer System (Supply chain Management System), management proposal, monthly whiteboard presentation, Documenting system functionality through facilitation with all the stake holders and user champions, Launch and Training for all 3 shifts. A client server application monitoring real-time material flow, inventory buffer, production counts and scheduling. This was a PowerBuilder, C, application using Oracle PL/SQL. Redesign of database architecture using Erwin case tool. This was real time 24/7 application with interface to bar-code printers and readers to keep track of material flow throughout the production floor. (Total cost \$550,000)