

S U M M A R Y

- An expert data miner with an impeccable record of developing and delivering data warehousing solutions and business intelligence applications is currently seeking a new role that will draw upon expertise in complex database creation, business intelligence, reporting, data analysis, ETL (SSIS & SSRS) processes, data warehousing, and data modeling.

H I G H L I G H T S O F Q U A L I F I C A T I O N S

- Dedicated IT professional with years of expertise in business analysis, database development, and reporting, primarily across the MS SQL server suite of products for business and financial decision-making.
- Demonstrated success in all aspects of enterprise-wide analytics architecture including data integration, data modeling, and data management, combined with skills in SQL server ETL/reporting tools like SSRS and SSIS.
- Experienced in developing data integration, workflow, and ETL solutions for data warehousing using SSIS.
- Proficient in data structures and fact tables from a variety of systems, including proprietary SQL data tables.
- Competent in dimensional and relational modeling techniques, facilitating informed business decisions.
- Strong quantitative, analytical, critical thinking, and problem-solving skills with exceptional attention to detail.

C O R E C O M P E T E N C I E S

- | | | |
|-------------------------------|-------------------------------------|-------------------------------|
| • Project Management | • Business Intelligence & Analytics | • Data Mining & ETL |
| • Data Integration & Modeling | • System Development Life Cycle | • Enterprise Data Warehousing |
| • Database Development | • IT Application Support | • Documentation & Reporting |

T E C H N I C A L S K I L L S

Databases	SQL Server, MS Access, T-SQL
Reporting Tools	SQL Server Reporting Services 2008 / 2012 / 2014, Crystal Reports, (9 / 8 / 10.x), Tableau
OLAP Tools	SQL Server Analysis Services 2000 / 2005 / 2008
ETL Tools	SQL Server Integration Services 2005 / 2008, DTS
Database Tools	SQL Server Management Studio, SQL Server Business Intelligence Studio, Enterprise Manager, SQL Profiler, Teradata, Query Analyzer, VSS, Team foundation Server
Programming Technologies	C/C++, C# .NET, HTML, JavaScript, CSS, ASP.NET
Software Packages	NET Framework 1.0/1.1/2.0/3.0/3.5/4.0, XML, Object Oriented
Operating Systems	Adobe Suite (Dreamweaver, Photoshop, PageMaker, Flash), MS Office (Word, Excel, Access, Visio, PowerPoint, Publisher, Outlook)
Environments	Windows 98, Windows 2000 Advanced Server/Professional, Windows Server 2003, Windows NT, Windows XP Professional / Standard, Windows Vista Business / Ultimate, Windows 7 Ultimate, Linux, UNIX
	MS Windows 2008 server, MS Windows 7, Linux Fedora

P R O F E S S I O N A L B A C K G R O U N D

[SATIN SOLUTIONS LLC](#) – City, ST ----- Jan. 2012 – Present

Senior SQL Server / SSIS / SSRS Consultant

Client: Education Management Corporation – Pittsburgh, PA (Jan. 2012 – Nov. 2014)

Environment: MS SQL Server 2008/2005, SSRS, SSIS, T- SQL, SSMS, MS Excel 2003/2007, Visual Studio 2013, Windows 2008 server

- Lead complete System Development Life Cycle processes; acquire business requirements and perform data analysis and data modeling; continually monitor the system to remove any bottlenecks.
- Draft high-level documents, perform coding, testing, and deployment of ETL using SSIS and SSRS reports.
- Generate reports using SSRS and define Check constraints, Business Rules, Indexes, and Views.
- Optimize queries and improve database performance by engaging in system performance by tuning SQL query stored procedures in Execution Plan, SQL Profiler, and Database Engine Tuning Advisor.
- Work in development, testing, and production servers; contribute to developing Enterprise Data Warehouse by creating logical/physical data models and establishing the primary key and foreign key, using Visio.
- Bring data into a staging area from several sources (i.e.: text files, Excel Used SSIS) to populate the Fact, Dimension, and mapping tables, and automate processes using SSIS 2008.
- Import and export data into a staging area from Excel Spreadsheets, Text file, CSV files, and SQL Server databases by developing SSIS packages. Evaluate reports and eliminate bugs in stored procedures.
- Build logic for creating data mart using star schema and populating Fact, Dimension and Reporting tables.

- Improve SSIS package and SSRS reports' performance by implementing Performance Tuning and Query Optimization, and developing indexes. Generate complex reports using SSRS 2008; prepare ad hoc reports and SQL code.
- Apprise operations of success or failure of different processes through configuration of Send Mail Task; also, facilitated logging to monitor the loading process. Create, deploy, maintain, and validate SQL queries/scripts
- Use SSMS and T-SQL to develop new database files and database file groups in SQL Server 2008.
- Leverage SSRS to prepare sub reports and drill down reports as per client needs; develop report models and deploy low-level security filters. Schedule and create snapshots and subscriptions for reports.

[GEORGE MASON UNIVERSITY](#) – [City, ST](#) ----- Feb. 2015 – Present

Senior SQL Server / SSIS / SSRS Consultant

Client: Ohio Department of Transportation – Columbus, OH

Environment: MS SQL Server 2012/2014, SSRS, SSIS, Tableau T- SQL, SSMS, Visual Studio 2013, Windows 2008 server

- Obtain requirements, design high-level documents, code, test, and implement ETL using SSIS and SSRS reports.
- Examine reports and eliminate bugs in stored procedures; apply data flow and control flow transformations.
- Develop complex Stored Procedures, Triggers, Functions, Indexes, Tables, Views, and other T-SQL code and SQL joins for applications. Approve data and support IT applications to remove reporting disparities.
- Capture, edit, and display data for reporting applications by building programs and developing screens and other processes. Translate reporting needs through creation of SQL queries; ensure data integrity.
- Leverage SQL server Reporting Services, Oracle, MS Team Foundation Server DB Schema, Sybase IQ Systems to draft and maintain complex reports in MS SQL data sources.
- Tune SQL queries using Execution Plan, SQL Profiler, and Database Engine Tuning Advisor to enhance queries and improve database performance and execution time for streamlining reporting application performance.
- Use star schema and populate Fact, Dimension, and Reporting tables for designing logic for creating data mart.
- Import and export data into a staging area from Excel Spreadsheets, Text file, CSV files, and SQL Server databases by developing SSIS packages. Use Visio in building Enterprise Data Warehouse and design logical/ physical data models.

[GEORGE MASON UNIVERSITY](#) – [City, ST](#) ----- Jan. 2009 – Jan. 2011

Database Analyst / Graduate Research Associate

Environment: MS SQL Server 2005/2008 Enterprise Edition, MS SQL Server Reporting Services 2005, Windows Server 2003/2008, MS Access 2007

- Coordinated with DTEXEC and DTUTIL utilities for SQL Server Integration Services (SSIS); leveraged SQL Server Reporting Services (SSRS) to prepare several reports.
- Used SSRS 2008/2012 to generate SQL server reports; determined and defined data source to build data source views. Created Query for drafting drill down reports in SSRS 2005.
- Leveraged ADP to build application roles and security; generated table insert and updated statements by writing Transact SQL utilities. Generated parameterized reports in SSRS 2005.
- Tuned SQL queries and stored procedures by using SQL Profiler to measure and monitor system performance.
- Migrated data using SSIS packages with Visual Studio (BIDS) 2005, created and controlled data and control flow transformations; tracked and executed SSIS packages and scheduled subscription reports, executed on the client's workstation.
- Tracked database performance and integrity. Streamlined SQL queries using SQL Profiler. Handled index and statistics by using the execution plan for database tuning.

ACADEMICS & CREDENTIALS

[GEORGE MASON UNIVERSITY](#), USA – **Master of Science in Computer Systems & Networking**

[JNTU UNIVERSITY](#), India – **Bachelor of Technology in Electronics & Communications**

AFFILIATIONS:

[NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS](#) (NSPE) – **Member**

[INTERNATIONAL ASSOCIATION OF ENGINEERS](#) (IAENG) – **Member**

CERTIFICATIONS: Microsoft Power BI Desktop | Advanced Integration Services | SSIS Design Patterns for Data Warehousing | TEFL/TESOL-Teaching English

VOLUNTEER:

[SOCIAL CODER](#) – **Volunteer Software Developer** ----- 2017 – Present

[EDUCATION INC.](#) – **Volunteer Software Developer** ----- 2014

[WORLD VISION / CHILDREN'S INTERNATIONAL](#) – **Volunteer / Donor** ----- 2012 – 2013