



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at wvOASIS.gov. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at WVPurchasing.gov with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 4

List View

General Information | Contact | Default Values | Discount | Document Information | Clarification Request

Procurement Folder: 1379271

SO Doc Code: CRFQ

Procurement Type: Central Master Agreement

SO Dept: 0210

Vendor ID: VS0000021232

SO Doc ID: ISC2400000011

Legal Name: FAAZ Consulting

Published Date: 3/1/24

Alias/DBA:

Close Date: 3/6/24

Total Bid: \$1,048,320.00

Close Time: 13:30

Response Date: 03/05/2024

Status: Closed

Response Time: 10:27

Solicitation Description: Addendum No 1 -Professional Database Engineer (OT24116)

Responded By User ID: FAAZ Consulting

Total of Header Attachments: 4

Total of All Attachments: 4

First Name: Fatima

Last Name: Ali

Email: fatima@faazconsulting.coi

Phone: 3018200198



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Solicitation Response**

Proc Folder: 1379271
Solicitation Description: Addendum No 1 -Professional Database Engineer (OT24116)
Proc Type: Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2024-03-06 13:30	SR 0210 ESR03052400000004555	1

VENDOR
 VS0000021232
 FAAZ Consulting

Solicitation Number: CRFQ 0210 ISC2400000011
Total Bid: 1048320
Response Date: 2024-03-05
Response Time: 10:27:27
Comments:

FOR INFORMATION CONTACT THE BUYER
 Toby L Welch
 (304) 558-8802
 toby.l.welch@wv.gov

Vendor Signature X **FEIN#** **DATE**

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Professional Database Engineer - YR1	2080.0000	HOUR	120.000000	249600.00

Comm Code	Manufacturer	Specification	Model #
80111609			

Commodity Line Comments:

Extended Description:

Fill out an hourly rate into the unit price field. The quantity amount is estimated for evaluation purposes only. The actual hours used may vary depending on usage.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Professional Database Engineer - Optional YR2	2080.0000	HOUR	124.000000	257920.00

Comm Code	Manufacturer	Specification	Model #
80111609			

Commodity Line Comments:

Extended Description:

Fill out an hourly rate into the unit price field. The quantity amount is estimated for evaluation purposes only. The actual hours used may vary depending on usage.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Professional Database Engineer - Optional YR3	2080.0000	HOUR	128.000000	266240.00

Comm Code	Manufacturer	Specification	Model #
80111609			

Commodity Line Comments:

Extended Description:

Fill out an hourly rate into the unit price field. The quantity amount is estimated for evaluation purposes only. The actual hours used may vary depending on usage.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Professional Database Engineer - Optional YR4	2080.0000	HOUR	132.000000	274560.00

Comm Code	Manufacturer	Specification	Model #
80111609			

Commodity Line Comments:

Extended Description:

Fill out an hourly rate into the unit price field. The quantity amount is estimated for evaluation purposes only. The actual hours used may vary depending on usage.

Name Anuj Gupta

Candidate Summary

- Experienced in Migration on Cloud for Amazon AWS Aurora PostgreSQL, SQL AZURE, SQL Server, Oracle, IBM DB2 to SQL Server, Epicor ERP Database Migration Project along with Database Admin.
- A competent professional with more than 23 years of experience in handling Multiple Database platforms including the Migration of Databases along with Database Engineering, Administration & Architecture for top public sector clients such as Gwinnett County (GC), Louisiana Department of Education (LDOE), COMC game sports comics collections Market place, Zelis Health Care and other top clients which include Morgan Stanley, Verizon, Cox Automotive, TMX-Finance, Yardi and other international clients that include Emirate NBD Banking, Deloitte, Dubai Municipality. on Project Management for Database Architecture using SDLC with MS Database Certified & PRINCE2® Registered Practitioner Certificate in Project Management and handling Production activities related with databases and handling DBA's for delivery of project.
- 15 Years of experience in Leading and managing teams up to 8 members.
- Project Management for Database Architecture using SDLC with MS Database Certified & PRINCE2 Registered Practitioner Certificate in Project Management and handling Production activities related with databases.
- Managed to migrate to NoSQL databases based on project to cloud environment using MS Azure SQL Slq Managed Instance Azure Data Factory and AMAZON AWS migration to cloud environment.

Technical Skills

Database: SQL Server 6.5/7/2000/2005/2008/2012/2014/2016/2017/2018/2019, Azure SQL IAAS PAAS SQL Managed Instance Azure SQL, DB2, Oracle, PostgreSQL 9/9.1/10, MongoDB, MYSQL

Database Tools: Amazon AWS Schema Conversion Tool, Enterprise Manager, SQL profiler, SSDT, BI Tool, ADF (Azure Data Factory), SSIS, SSAS, Data Warehouse, Erwin Data Model, DBArtisan, SSMA for DB2

Reporting tools: SSRS, Crystal Reports and Microsoft Reporting Server

SQL server Tools: SQL profiler, Microsoft Reporting Server, MS Visio, and XML, LightSpeed

Application Tools: Light Speed, Idera RedGate, Quest FogLight, NetBackup, Scrum Master Rally Tool, Jira

Monitoring Tools & OS: Derdack Enterprise, SCSM, LANDesk, FogLight BMC, IDERA SQL Diagnostic Manager, SolarWinds, SQL Sentry, Spotlight., Windows 2019/2016/2012/2008/2003/Win7/XP/2000/NT/98/97/95, DOS/Unix/Solaris/AIX /Linux

Method & Tech: Prince2, Agile, Waterfall, Enterprise App management/Tablet/Mobile Apps

Languages: Visual FoxPro, Visual Basic, PowerBuilder, C++, C, **T-SQL, SQL**
Framework: MS.NET
Middleware: Web Services
Client/Server Tools: VB, Sybase PowerBuilder, MS.Net
Web Tools: ASP.net, HTML, IIS
Other Tools: HA Always On, VMware, IDERA **SQL JOB MANAGER**, Lotus Notes, VSS/TFS, JIRA, Rally, AccountMate, Epicor

Work Experience

Zelis Healthcare, Atlanta GA	Senior DBA LEAD	Sept 2020 – Till Date
-------------------------------------	------------------------	------------------------------

Create and Maintain SQL databases in Azure cloud environment as High Availability and On Premises database servers. **Azure SQL IAAS PAAS SQL Managed Instance Azure SQL**. Perform Database and SQL Software implementation and upgrades along with monitoring tools upgrade based on version releases for patch and hotfixes required to be updated. Perform Database Security, Auditing of database users access based on required permission granted and integrity check. Perform Database Performance Tuning and monitoring with Idera SQL Diagnostic Manager and SolarWinds SqlSentry to fine tune alerts based on baseline matrix's and further improve performance on provided recommendation after analysis. Perform database backups Native and on azure blob storage and perform restore, recovery based on need by the business. Document processes and standards to follow as per best practice for the DBA team. Used SSDT, SSIS to do the Database table migration by creating required schema and map the table data types and database objects. Troubleshooting Data issues during batch process runtime and fixing data migration from source to destination. Mapped Attributes and respective columns based on best practice to transform that Data from Source to Destination. Used SSDT, SSIS to do the Database table migration by creating required schema and map the table data types and database objects. Used BI tools which include SSIS SSRS SSAS as per data needs across the organization. Implementation of SQL SERVER ALWAYS ON Payment, Prizem, Network solutions and compass application in OnPrem environment Azure SQL IAAS PAAS on cloud DB Managing database maintenance task for Up to 30 TB single database size includes Index maintenance table compression update stats and various disk and resources cost saving for the organization. Worked on Multidimensional Expressions (MDX) for analytical processing using SSAS on OLAP using SQL databases for OLAP databases rocessing cubes using facts and dimensions to measure calculations based on analytics needs and implemented SQL Server analysis server. Worked on SQL EOL to bring database servers up to current reliable version from downstream to upstream production database environment using SDLC cycle. Database scripts review and deployment across all database instances. **Migrated Database from DB2, Oracle to SQL server system** with Database architecture along with Data Model and Design in for DB server with workflow diagram using Erwin and Implemented the Database migration process from DB2, Oracle database to **SQL server** Database.

Tools Used: MS SQL Server 2008-2019, MS Visual Studio, SSDT, Visio, AlwaysOn HA SQL Cluster, Idera, Business Intelligence SSIS, SQL DM, SQL Sentry, Spotlight, Idera, **Business Intelligence SSIS**, Erwin,ADF(Azure Data Factory)

Louisiana Department of Education	Database Architect	Mar 2020 – Sep 2020
--	---------------------------	----------------------------

--	--	--

Migrated Database from DB2 to SQL Server system with Database architecture along with Data Model and Design in for DB server with workflow diagram using Erwin and Implemented the Database migration process from DB2 database to SQL Server Database. Installed configured and implemented tools associated with the project requirement using provided Onboarded tools SSDT, SSIS and DBArtisan Tool to do the Database table migration by creating required schema and map the table data types and database objects and perform migration based on Batch process for Millions of records. Mapped Attributes and respective columns based on best practice to transform that Data from Source to Destination. Automated the package process to Migrate data from DB2 to SQL Server database for the respective environments. Mitigation of ongoing issues and resolving as a single point of Support independently to perform the assigned task. Database Modeling using Erwin Tool for reverse engineering and Creating new Models with Logical and Physical Type. Database cleanup and implementation of database code and providing best practice to developers for Database scripts nomenclature and error free coding. Being DBA Lead managed database Analyst and other Database Developers to take the right approach for Scripting the changes with Zero Downtime. Implemented Database Servers for Dev, QA, UAT and done database Migration and conversion from DB2 to SQL Server. Performed DBA activities for Database Jobs maintenance Alerts management and High Availability with performance tuning of Indexes and automation of the Database admin activities. Implemented environment for data integration from Oracle database to SQL Server Databases and managed several jobs of SQL Server including High availability and SQL clustering environment.

Tools Used: Jira, **Business Intelligence SSIS**, Erwin, **MS SQL server 2019**, MS Visual Studio.Net 2019, DB2, Oracle, SSDT, Visio, AlwaysOn HA **SQL Cluster**

Verizon Sourcing LLC, Atlanta, GA	Lead DB Engineer, DBA & Database Migration Specialist	Jan 2019 – Mar 2020
--	--	----------------------------

Database migration for SQL server to PostgreSQL using Amazon AWS Aurora PostgreSQL with structure changes based on PostgreSQL Data Masking for the existing databases in lower environment like UAT, Development and Test environment for sensitive data and the databases with scrubbing the data for limited access to databases and important information restrictions. Performing exploratory data analysis, querying database, and data integration with SQL Server and Amazon Aurora PostgreSQL for Data Analysis and interpretation. Amazon Data Migration Service to perform extensive data flow in Source, Staging, tables, for application and reporting databases from SQL Server to Amazon Aurora PostgreSQL. Develop the migration analysis documents, migration strategy document, test case and test result document for end-to-end migration for the following activities of Deliverables for migration: Performing Assessment using Schema Conversion tool of Amazon to verify proper conversion and troubleshooting based on validation results. Migrate databases and database objects mentioned below from on premise SQL Server 2008R2 databases to PostgreSQL databases on AWS RDS or EC2 instance. Database Migration from SQL Server Database to Amazon Cloud Aurora PostgreSQL. Cloud environment using MS SQL Azure management for database sizing high availability with zero downtime. Maintain current patches and release enhancements for DB server and assess impact on currently running applications. Ability to manage EDW and services related to data analytics such as ETL process. Used Azure data factory to integrate using ETL for data integration. Migrated SQL Server Database to the cloud to preserve ETL processes and reduce operational complexity using Azure Data Factory to rehost on

premises SSIS packages with minimal effort on cloud using Azure SSIS Integration runtime. Transferred data using pre built connectors using Amazon S3 for data transformation.

Tools Used: MS SQL server 2014/2016/2017/2018/2019, SSMS, AMAZON Schema Conversion Tool (SCT), PGAdmin, DBeaver, Data Migration Service (DMS), EC2, RDS, SCT SSdT, Visual Studio .Net 2017/2018, VSTS, Database Project, BacPac & DacPac, GitHub for integration, CICD, Azure SQL Cloud Environment

Cox Automotive, New York	Lead DB Engineer & Database Migration Specialist	Aug 2018 – Dec 2018
---------------------------------	---	----------------------------

Gathering requirements and managing with rally for story points as scrum master for the code implementation and integration based on the customer requirements for Nissan and Honda. Integration with a banking app for the loaning form. Fixing data for the required output with code analysis and working with a team for the organized data. Performed exploratory data analysis, querying database, and data integration with SQL Data Analysis and interpretation. Evaluated different machine learning algorithms. Mapped DB2 Schemas to SQL server schemas and view assessment report to access database objects for conversion and estimate the conversion time. Loaded converted DB database objects to SQL server for synchronizing the database objects. Setting client side or server-side Data migration engine in project setting for SSMA using extension packages for DB2 to SQL server migration. Used DB2 Metadata explorer to migrate data for all schemas on SQL server instance making sure SQL server Agent service running while using server-side migration using server-side data migration engine in project setting of SSMA Successfully migrated from DB2 to SQL server with validation of reports including data transformation. Developed risk prediction model to make recommendations for reducing risk dealer score.

Developed ETL stored procedures, SSIS mapping and merge processes along with code review for the team. SQL server Business Intelligence (BI) tools for data integrations from different database servers. Built releases for development, QA and production environments for new user stories and backfill of data based on the project requirements. SSdT tool for data integration projects related with database migration and including recursive changes. Ability to manage EDW and services related to data analytics such as the ETL process. Oracle to SQL and SQL to Oracle using linked servers.

Tools Used: Scrum Master Rally, Business Intelligence SSIS, Salesforce, MS SQL server 2012/2016, MS Visual Studio.Net 2017, DB2, Oracle, AWS S3, Data Integration, SSdT, PostgreSQL

Dubai Municipality, Dubai	Senior DBA Manager	Jun 2017 – May 2018
----------------------------------	---------------------------	----------------------------

Managing DB2 database for data transformation to SQL server using linked server using MS OLE DB provider for DB2.

Optimization of Database server with regular fine-tune and providing custom solution based on Client data requirement with Authorization approval using SSIS integration BI system. Custom code management and tracking the tickets based on priority. Worked on RBS for OneDrive and iOffice for SharePoint configuration with Drive encryption as per security requirement for file stream. Performance analysis and load management based on Always On technology of SQL server for balancing the load and having High Availability for all

SharePoint Databases in synchronized mode for load balancing with read-only and read write wherever needed. Managed Database growth for SharePoint databases and application databases.
 Database management for the production environment for BI Integration and migration projects Oracle to SQL and SQL to Oracle using linked servers.

Tools Used: Business Intelligence SSIS, MS SQL server 7.0/2000/2005/2008/2012/2014/2016, HA Always ON, MS Visual Studio.Net 2015, DB2, Oracle, SSDT, LANDesk, SolarWinds, PostgreSQL 8.5/9.0/9.1/10.0.

Deloitte, Dubai	Senior DBA Manager	Apr 2017 – May 2017
------------------------	---------------------------	----------------------------

Creating and Managing CIR-CRM opportunity data for global customer integration and implementation using SSIS Packages from Microsoft Dynamics 365 ERP & CRM. Managed AlwaysOn database for High availability and implementation of Automated agent jobs for health check of production database servers and automated alert integrations. Fixing databases with a proactive alert mechanism. Backup jobs management and integration management and fixing packages related to IT audit. Managed team of system engineers for providing core infrastructure services to business in a large complex environment. SQL Database Server Configuration and management for production servers. Managed projects driven by Systems Operations and other IT & Business Groups. Managed applications and databases as per IT Architecture and SDLC. Used T-SQL to compare different table data of source and destination to confirm the sync as per DATA WAREHOUSE needs. Used SQL to check SQL agent job tables for sys tables in MSDB for dbo schema. Used SQL to perform and check database health including tables locked by the user and checking active sessions. List of table names, views, user's status, and several tasks done to get an automated job report which can be used by business users. Used joins to get required data from the tables based on the business requirement.

Tools Used: Business Intelligence SSIS, MS SQL server 2014, HA Always ON, SSDT, MS Dynamic CRM

Emirates National Bank of Dubai, Dubai	Senior Consultant- Tools and Automation - Database Migration Specialist	Aug 2016 – Feb 2017
---	--	----------------------------

Senior DBA/Enterprise Tools & Automation Implementation Specialist with architecture enhancements. Experience in migration of FogLight versions including application and database upgrades from 5.6.10 to 5.7.1 to 5.7.5.5. Worked with all Unix and Linux flavors including AIX Solaris, SunOS to implement FogLight for host monitoring in banking domain for 4000 + environment including database monitoring for Oracle Databases, SQL Databases, Sybase databases, jvm applications like WebLogic, WebSphere applications server monitoring at FogLight enterprise level. Automation of alert mechanism to avoid manual health check using FogLight application by Quest/Dell product FogLight enterprise management solution. Deep analysis of fatal, critical alerts, Custom rules management including cartridge install and upgrades with debug skills for data configuration Groovy script modifications used by cartridges and alarms including hosts and database cartridges. FogLight Transaction management FTR for URL monitoring, process monitoring by web pages. Currently MongoDB & Cassandra monitoring cartridge implementation for database cartridge new release updates under 5.7.5.35. Resolved several issues after the upgrades from 5.6.10 to 5.7.5.5 Resolving false alerts and custom management of inherited objects as per banking project requirements based on application and

servers used. PRINCE2® Registered Practitioner Certificate in Project Management and handling Production activities.

Tools Used: SQL server 2012\2014, SSRS, Quest FogLight, SolarWinds, Linux, Solaris, AIX, Oracle RAC DB

TMX Finance Family of Companies, Alpharetta GA	Senior Production DB Engineer & DBA	Mar 2012 – Aug 2016
---	--	----------------------------

Production SQL Server Database support for servers including replication/mirroring and clustering with all High Availability techniques related to database servers. Database manager to ensure all nightly tasks scheduled database related tasks run as expected per requirement of business. Having domain and technology knowledge to analyze and understand store requirements associated with clients along with specifications. Ensuring SQL cluster and replications are working as per job requirements for production systems. Requirement analysis on failures with deep analysis to find the root cause and fix failures in time before start of business with zero delay in business. Transferred effective knowledge to team individuals. Collaborated with stores and team on specification analysis and detailed design related to database architecture and product. Controlling Database changes using TFS build control to have recent changes performed in production from version to version with correct build releases for production. Implementing new database systems along with through analysis for the business requirement to have database jobs accomplished before time which helps in improving performance of production database servers along with application level used by reports generation. Worked with the Team to ensure that all outcomes match the specifications given by the clients. Also dealing with SharePoint and project databases for resolving critical production issues. Having vast troubleshooting skills in any failures in terms of databases or systems to provide detailed analysis along with fixture before time.

Tools Used: BI SSIS, SSRS, SSAS, MS SQL server 2005/2008/2012/2014, HA SQL Cluster, Always ON, MS VS.Net, Idera SQLDM, DB2, RedGate, Sentry, Derdack, SCOM, SCSM, Oracle, MS Visio, JIRA

Yardi Software Inc.	Programmer Analyst/Implementati on Specialist/Associate Tech Lead & DBA	Nov 2000 – Feb 2012
----------------------------	--	----------------------------

Software Implementation Specialist VisualHomes of Yardi Systems Inc. SB, USA. Highly experienced in installing IBM2 DB 2 database service and used DB2 connect for database administration and management. Managed DB2 Universal database along with DB2 connect for scripting and managing tables and data and integration with Sybase power builder application and Visual FoxPro. SQL server database development using Sybase Power Builder and Visual FoxPro for the customer and doing performance tuning for all that production databases for higher performance tuning for the business growth. Implementation and Administration of Database Systems and Networks under Windows and 2008/2003/Win7/XP/2000/NT/98/97/95 and Unix/Linux Environment. DBA cum developer for databases in Oracle 8.0/8.1.5/8.1.7/9/10/11, MS SQL server 2000/2005/2008R2 Sybase SQL Anywhere 5.0 and VFP6.0/8.0/9.0. Procedural programming with Local variables handling using T-SQL. Used T-SQL to compare different table data of source and destination to confirm the sync as per DATA WAREHOUSE. Recreated Indexes and rebuild indexes based on the requirement

with update stats for performance enhancement. Experienced in creating and maintaining MS SQL server installation, performance tuning, backup, restore, security and disaster recovery. Experienced Build version control and infrastructure management which includes Systems, Network, Security, and databases.

Tools Used: BI SSIS, SSRS, SSAS, MS SQL server 6.5/2000/2005/2008/2012, HA SQL Cluster, MS Visual Studio .Net, VFP, TFS, VSS, Oracle, IBM DB2, MS Visio, LiteSpeed, PowerBuilder, SQL Anywhere, Lotus Notes

Education

- PRINCE2 Practitioner Certificate in Project Management
- PRINCE2 Foundation Certificate in Project Management
- MS SQL SERVER AlwaysOn Availability Groups and FCI – Monitoring & Troubleshooting
- MCP/MCSAWindows2003ServerEXAMNo:070-290
- MCDBASQLServer2000EXAMNo:070-229
- CCNA Certification
- Bachelor of Arts (English, Sociology) (Lucknow University)
- Advance Diploma in Networking and Communication

Name Kiran Kalidindi

Candidate Summary

- Total **17 Years** of experience in **Database Administration, Architecture, Design, Development & Support of On-premise & Cloud MS SQL Servers 2019/2017/2016/2014/2012/2008R2/2008/2005/2000/7.0, Oracle, IBM DB2, PostgreSQL, MySQL** in Development, Test, Stage, QA, UAT, Prod-fix, Production and DR Environments.
- Professional experience and expertise in **BIG DATA and Data Warehouses Design, Development, Testing, Deployment, and Integration** using advanced SQL techniques and robust ETL\ELT tools.
- Good experience in designing and implementing Modern Datawarehouse solutions using **Databricks, Snowflake, AWS Redshift, Azure Synapse Analytics, Azure Analysis Services**, etc ..
- Solid Experience in working on BIG DATA Hadoop solutions using **Apache Map Reduce, YARN, HDFS, HBase SPARK, Airflow, Storm, Flink, Hive, Pig, Mahout, Sqoop, Flume, Oozie, Zookeeper, Ambari, HCatlaog, Solr, Cassandra**.
- Sound experience in designing and implementing Data Analytics and Machine Learning solutions using **Apache RDD, PySpark, Spark SQL, Spark Streaming , Spark-Yarn, Spark MLib , and Data frame APIs**
- Good Experience in architecting and implementing data lakes and datalake houses using **Delta Lakes, Iceberg and Hudi architectures** using Azure Datalake storage (ADLS2) and AWS S3.
- Expertise in developing robust **ETL and ELT pipelines using AWS Glue, AWS Data pipeline, Apache Airflow, Azure Data Factory, Azure Synapse Pipelines and thirtd party tools like HVR\Fivetran, Talend, Qlik Replicate, DBT** etc ..
- Good expereice with Designing, Deploying, Configuring, Managing and Monitoring **Redshift clusters , Loading and Unloading Data from Data Lakes, Redshift Serverless, Redshift Spectrum, Redshift Federated Queries, Redshift ML, DBLink, Apache SPARK integration, Auto COPY from S3, Amazon Aurora Zero-ETL, Redshift streaming ingestion, Data sharing with AWS Lake Formation**.
- Solid experience working with Redshift features like **Workload Management(WLM), Concurrency Scaling, Locking, RA3 nodes with managed storage, Datalake import and export, Short Query Acceleration (SQA), Advanced Query Acceleration (AQUA), Distribution Styles, Sort Keys, Compression methods, VACUUM, Auto COPY from S3, Zero-ETL**.
- Good experience integrating **AWS redshift with S3 Datalakes, AWS Aurora, EMR\EC2, AWS Datapipeline, AWS DMS, AWS DynamoDB and External Datawarehouses and Operational DataStores**.
- Strong hands-on experience with AWS data services like **RDS, Aurora, Redshift, DynamoDB, Athena, Glue, S3, MKS, Lambda functions, MSK (Kafka)** etc ..
- Solid Experience working with **Azure Synapse Analytics using Serverless Pools, Spark Pools, Dedicated SQL Pools, Synapse Pipelines, Synapse Link for SQL Server 2022\ Cosmos DB** for near real time data analytics and reporting, advanced SQL Scripts and Python notebooks.

- Good Experience working with **Azure Databricks** using **Unity Catalog, Hive metastore, Databricks notebooks, Databricks utilities, magic commands, Databricks clusters, cluster pools, jobs, workflows, Databricks File system (DBFS), Azure Key Vault Secrets, ADF pipelines and Power BI integration for visualizations and reports.**
- Good experience with data visualization tools like **Microsoft Power BI, Tableau, Qlik Sense** etc ..
- Experience working with various **file formats** like **Parquet, JSON, CSV, Avro, ORC** etc for **data ingestion and data processing needs.**
- Sound experience in **Installation, Configuration and Maintenance of MSSQL 2022/2019/2017/2016/2014/2012/2008R2/2008/2005/2000/7.0, Oracle, IBM DB2, PostgreSQL, MySQL** instances.
- Solid Experience in **Migration** from **SQL Server 7.0 to SQL Server 2000 and SQL Server 2000 to SQL Server 2005, SQL Server 2005 to SQL Server 2008/2008 R2 and 2008 to 2008 R2/2012/2014/2016/2017/2019** and resolving the issues and **Virtualization migrations (P2V and V2V)** and also heterogeneous migrations from and to **Oracle, DB2, MySQL and Postgres RDBMS.**
- Extensive experience in migrating **On-Premise SQL Server, Oracle, Postgres & IBM DB2 instances and databases to the Cloud (Azure, AWS – Rehost, Refactor & Re-architect).**
- Installed, configured and administered **On-premise and Cloud Postgres clusters on AWS EC2, RDS Postgres, Aurora, Aurora serverless and Aurora Babelfish instances.**
- Migrated **on-premise SQL Servers to AWS RDS and Azure SQL Databases.**
- Migrated **on-premise SQL Servers to RDS Postgres, Aurora, Aurora Babelfish, EC2 and Azure SQL & Azure SQL MIs.**
- Migrated **on-premise DB2 Servers (LUW) to Aurora Serverless and Azure SQL MI.**
- Migrated **on-premise Oracle Servers to Aurora Postgres instances.**
- Proficiency in designing and implementing **Cloud based database solutions (IAAS, PAAS, SAAS).**
- Sound experience in provisioning cloud infrastructure solutions like **Virtual Networks, Storage solutions, Security policies, Monitoring solutions, AWS EC2 instances, AWS RDS, AWS RDS Custom, AWS Aurora Postgres & MySQL, Aurora Serverless, Aurora Babelfish, Azure VMs, Azure SQL managed Instances, Azure SQL databases, Hyperscale and Serverless databases.**
- Expertise in implementing **SQL Server (on-premise & cloud) High Availability and Disaster Recovery solutions like Geo-Replication, Auto Failover Groups, Accelerated Database Recovery (ADR), Always-ON, Multi-node Failover Clustering, Database Mirroring, Log shipping and Replication.**
- Good experience in Designing and Implementing Cloud base shared database solutions like **Elastic Database Pools, Elastic Instance pools and Elastic Database jobs.**
- Experience in working with **Geospatial data using Geodatabases** and Microsoft **Geometry and Geography** datatypes using **ESRI GIS.**
- Design and Implement **Load Balancer** solutions like **Internal Load Balancers (ILB), Application Gateway and Azure Front Door.**
- Solid experience in designing and implementing Cloud based database Backup and Recovery solutions like **Automated Backups, Long Term Retention (LTR) Backups, Manual Backups (BACPAC, DACPAC), Point in Time Restores, Restoring deleted databases, Geo-Restores** etc.

- Install and administer **Microsoft SQL Server 2017/2019 on Linux distribution platforms such as Red Hat Enterprise Linux (RHEL), SUSE Linux Enterprise Server (SLES) and Ubuntu.**
- Install and administer **Microsoft SQL Server 2017/2019 on On-Premise and Cloud platforms like AWS, Azure, Google Cloud.**
- Deploy and Administer **Microsoft SQL Server 2017/2019 on LINUX Docker containers and Kubernetes Clusters.**
- Deploy, configure and administer **SQL Server BIG DATA clusters using HDFS , Apache SPARK, POLYBASE and Kubernetes.**
- Expertise in **Performance Tuning and Optimizing** SQL Server Databases (**on-premise & cloud**), **fine tuning** of slow running queries, performing **Health Checks** of the critical SQL Servers and resolving the resource bottlenecks like CPU, Memory, Storage, Network and poor application coding and design.
- Solid knowledge and good experience in SQL Server new features like **Query Store, Always Encrypted, Columnstore indexes, Graph Database and Machine Learning Services.**
- Extensive experience in creating database objects like **Tables, Stored Procedures, UDFs, Triggers and Views**
- Expertise in planning and implementing MS SQL server **Security** and Database **Permissions.**
- Led **SQL Server Audit team** and also administered and maintained SQL server activity monitoring and quarterly compliance audits (**SOX, SAS 70, HIPPA**) using the tools like **IDERA SQL Compliance Manager, IBM Guardium, Lumigent and Oracle Audit Vault.**
- **Automating administration and management** of Windows and SQL servers using scripting languages like **Powershell, VBScript, TSQL, Perl etc...**
- Solid Experience with **Database Backup, Recovery and Disaster Recovery** Procedures.
- Proficiency in Managing **Linked and Remote Servers.**
- Experience in **Protecting** Physical Server, Network and Database Mail against **Malicious threats and attacks.**
- Expertise with **Table Design, Database Design and Index Design.**
- Good experience in **Server Consolidation, Instance Consolidation, Storage Consolidation and Geographic Consolidation.**
- Experience in creating database related **cost estimates** and to perform **database design** reviews to enforce best practices and standards.
- Proficiency in providing **Asynchronous Queuing Support** to SQL SERVER using **Service Broker.**
- Experience in Implementing **data models and database designs**, data access and table maintenance codes.
- Implementation of best-case scenarios for enterprise wide **Database Backup/Recovery** solution.
- Extensive experience with **Data Modeling, logical and physical database design** using **Erwin Tool.**
- Experience in **ADO.NET and SMO and RMO programming.**
- Good experience in Administering **Very Large SQL Server Databases.**
- Experience in implementing different types of Replication models like **Snapshot Transactional and Merge replications.**
- Proficient in **Performance Tuning, Query Optimization, Client/Server Connectivity, Database consistency checks** using **DBCC Utilities.**
- Experience in **Developing and Monitoring SSIS and DTS** packages.

- Experience in Creating **Packages, Jobs, sending Event, Performance and WMI Alerts** using Database Mail.
- Adept in **migration** of Data from **Excel, Flat file, Oracle to MS SQL Server** by using **BCP** and **DTS/SSIS** utility.
- Experience in using third party tools like **SQL LiteSpeed** for backup-recovery and **Spotlight** for performance tuning.
- Experience in **ETL coding and implementation**
- Solid experience with **schema management, database reorganization, data loading, database maintenance and optimization.**
- Experience in **Extracting, Transforming and Loading (ETL)** Data by using **DTS, SSIS, BCP and BULK INSERT.**
- Experience in **resolving issues** in **database performance, database capacity, replication and migration.**
- Experience in **implementing policies and procedures** for ensuring the **security and integrity** of the SQL Server databases.
- Experience in **Failover clustering** and **SQL Servers in Virtual Environment.**
- Experience in Using **Performance Monitor/Profiler** to solve **Dead Locks/ Long Running Queries.**
- Experience in transforming **Business requirements** into **database definitions.**
- Experience on projects utilizing **agile development methodology.**
- Experience in **Training End users** and **Developers**
- Good knowledge of **Networking and TCP/IP.**
- Certified in **Remedy Incident Management (RIM).**
- Excellent **Report Creation, Report Management, Report Delivery and Report Security** skills using **SQL SERVER Reporting Services (SSRS)**
- Good experience with **Creating, Deploying, Processing, Browsing and Partitioning the Cubes, Data mining and Data warehousing** using **SQL Server Analysis Services (SSAS)** and migrating cubes between **SQL Server 2005\2008 to SQL Server 2005\2008\2012.**
- Expertise in configuring **Multidimensional OLAP, Relational OLAP and Hybrid OLAP** storage settings.
- Experience in **creating and analyzing Virtual Cubes** using **SQL Server Analysis Services.**
- Strong **troubleshooting** and **problem-solving skills** and strong ability to prioritize multiple tasks.
- Excellent **analytical, interpersonal and communication skills** & has a desire to **excel, fast learner, hardworking and versatile** team player.

Skill Matrix

Databases	MS-SQL Server 2019/2017/2016/2014/2012/2008 R2/2008/2005/2000/7.0, SQL Azure, RDS SQL, MS Access, Sybase , MySQL, MariaDB, Percona, Oracle 9i/11g/12c/18c/19c/21c, IBM DB2, PostgreSQL, Aurora, CosmosDB, DynamoDB, MongoDB, Redshift, CockroachDB, YugaByte.
Datawarehouse	Snowflake, Azure Synapse Analytics, AWS Redshift, Databricks, Azure Analysis Services, SSAS

Data Lakehouse	Delta Lake, Iceberg, Hudi
Streaming	Apache Kafka, AWS Kinesis, AWS MSK, Apache Flink
Big Data (Hadoop)	HDFS, HBase, YARN, MapReduce, SPARK, Storm, Flink, Hive, Pig, Mahout, Sqoop, Flume, Oozie, Zookeeper, Ambari, HCatlaog, Solr, Cassandra
Azure Data Engineering	APACHE SPARK (PySpark, Spark SQL), Azure Databricks, Azure Synapse Analytics, ADLS, Delta Lake, Azure Data Factory, Azure Event Hubs, Power BI
AWS Data Engineering	Hadoop, APACHE SPARK (PySpark, Spark SQL), AWS Databricks, AWS Redshift, Delta Lake, AWS Glue, AWS EMR, Kinesis, DynamoDB
ETL\ELT\CDC	HVR\Fivetran, Qlik, Talend Data Integration, DBT, Matillion, HevoData, Talend Stitch, Talend Open Studio, Apache Airflow, AWS Glue, Azure Data Factory, SSIS.
Visualization	Power BI, Tableau, Qlik Sense
PostgreSQL	PostgreSQL on RDS, Aurora, Aurora Serverless, Azure PostgreSQL, EDB Big Animal, EDB PostgreSQL, EPAS, Aurora Babelfish, BDR, HARP, EFM, RepMgr, Postgres Enterprise Manger, pgAdmin, pgWatch, Percona Monitoring & Management, OmniDB, DataSentinel, DataDog, Patroni, PAF, pgPool-II, pgBouncer, pgBackRest, BARMAN, BART, pg_Partman, Db2topg, Ora2pg, pgLogical.
Python	Sublime Text, Visual Studio Code, PyCharm, Spyder, Anaconda, Jupyter notebooks, Terminal
Cloud	AWS, Azure, GCP
AWS	<p>AWS Core: IAM, EC2, Load Balancing (ELB, NLB), Auto Scaling Groups (ASG), Route 53, VPC, CloudFront, Global accelerator, AWS CLI, SDK.</p> <p>Storage: EBS, EFS, Instance Store, S3, S3-IA, Glacier, FSx (Windows, Lustre), Snowball, SnowMobile, Storage Gateway (File, Volume, Tape)</p> <p>Databases: RDS, Aurora, DynamoDB, Neptune, ElastiCache, Redshift, ElasticSearch, Athena</p> <p>Monitoring: AWS CloudWatch, CloudTrail, X-Ray</p> <p>Integration & Messaging: SQS, SNS, Kinesis, Amazon MQ</p> <p>Serverless: AWS Lambda, DynamoDB, API Gateway, Cognito, Step Functions, Fargate</p> <p>Security & Encryption : IAM Policies, STS, Federation Identity, Cognito, AWS Organizations, Active Directory Services, AWS RAM, Single Sign On (SSO), KMS, SSM Parameter Store, Secrets Manager, AWS WAF, Shield, Firewall Manager, AWS Inspector</p>

	<p>VPC: Internet Gateway, NAT instances/Gateway, Route tables, DNS Resolution, Security Groups, NACL, VPC peering, VPC Endpoints, VPC Flowlogs, Bastion Hosts, Site to Site VPN, Direct Connect, Direct Connect Gateway, AWS Private Link, Classic Link, Egress only Gateway, VPN CloudHub, Transit Gateway.</p> <p>Other Services: AWS Systems Manager (SSM), CloudFormation, Big Data, Cloud Former, ECS, EKS, App Mesh, ECR, SWF, EMR, Glue, QuickSight, OpsWorks, ElasticTranscoder, Work Spaces, AppSync, AWS Batch</p>
<p>Azure</p>	<p>Azure Core : IAM, VMs, VM Scale Sets, ARM templates, Load Balancing, DNS, Active Directory, Virtual Networks, Azure Content Delivery Network CDN, Azure CLI, Powershell, SDK</p> <p>Storage : Azure vFXT for Azure, Azure Data Lake Storage, Azure Data Share, Azure FXT Edge Filer, Azure HPC Cache, Azure NetApp Files, Azure Site Recovery, Blob storage, Disk Storage, Queue Storage, File Storage, Data Box, StorSimple, Archive Storage, Azure Backup, Recovery Service Vault</p> <p>Networking : Application Gateway, Bastion Hosts, DDoS Protection, ExpressRoute, Firewall, Firewall Manager, Internet Analyzer, Private Link, Network Watcher, Traffic Manager, Virtual WAN, VPN Gateway</p> <p>Databases : Azure SQL Database, SQL Managed Instance, SQL Server on VM, SQL DW, Cosmos DB, Azure Database for MariaDB, MySQL, PostgreSQL, Redis Cache, Table Storage, DMS</p> <p>Security : Azure Security Center, Sentinel, Key Vault, Azure B2C, MFA, RBAC, WAF, Azure AD, AD Domain Services, DDoS Protection, Dedicated HSM, Front Door, Information Protection, Server side and Client Side Encryption, Encryption at rest</p> <p>Monitoring : Monitoring : Azure Monitor, Azure Advisor, Log Analytics, Application Insights, Network Watcher</p> <p>Integration : Service Bus, Queue Storage, Event Grid, Logic Apps, Biztalk Services</p> <p>Serverless : Azure Functions, Azure Event Grid, Logic Apps</p> <p>Containers: Azure Kubernetes Service (AKS), Azure Red Hat OpenShift, Container Instances, Container Registry, Service Fabric</p> <p>Analytics: Azure HDInsight, Azure Data factory, Azure Databricks, Stream Analytics, Synapse Analytics, Data Lake Analytics, Log Analytics, Analysis Services, Data Explorer, Data Share, Data Catalog, Event Hubs, Power BI Embedded, R Server for HDInsight</p> <p>AppServices : Web Apps, Mobile Apps, Logic apps, API apps, Media services, API management, Notifications, Search</p> <p>Internet of Things : IoT Central, IoT Hub, IoT Edge, Event Hubs, Notification Hubs</p>

	Others : Azure Repos, Billing, Cost Management, Big Data, REST APIs, Storage Explorer & Emulator, SAP HANA, Cloud Service, Service Fabric, Cycle Cloud, Azure Batch
DevOps	AWS CICD, Azure DevOps, Octopus Deploy
IAC	Terraform, Ansible, Bicep, ARM
NoSQL	MongoDB, DynamoDB, CosmosDB
Containers	Docker on Google GKE, AWS ECS-Fargate and EKS, Azure AKS, RedHat Open Shift, SUSE CaaS
Container Runtime	ContainerD, CRI-O, RunC
Container Orchestration	Kubernetes, Docker Swarm
SQL Server Tools	SQL Sever Management Studio, Enterprise Manager, Query Analyzer, Export & Import (DTS), SSMS, SSIS, SSRS, SSNS, SSAS, MS BI Dev Studio, SQL Operations Studio, MSSQL-CLI, MSSQL-Scripter, MDX, SQL Profiler, Power BI, Service Broker, Client Network Utility, Server Network Utility, SQL Server Configuration Manager, SQLCMD, BCP, Database Engine Tuning Advisor, SQLDiag, PSSDiag, SQLNexus, PAL, Replication Monitor, Report Designer, Report Builder 1.0, Report Builder 2.0,3.0, Report Services Configuration tool, T-SQL Debugger, XPATH, OPENXML, Activity Monitor, Resource Governor, Performance Data Collector, SQL Server Audit, Data Compression, SQL Server 2005 Performance Dashboard.
PowerShell Tools	PowerShell ISE, Idera PowerShell Plus, Dell PowerGUI, Sapien PrimalScript.
DB2 Tools	IBM Data Studio, DB2 Control Center, DB2 Task Center, Toad for DB2
Sybase Tools	Sybase Control Center, Sybase Central
Audit Tools	IBM Guardium, IDERA SQL Compliance Manager, Lumigent, Oracle Audit Vault, Native SQL Server Audit.
Data Modeling	Erwin, Embarcadero ER/Studio, MS Visio, Power Architect, DBeaver
Virtualization	VMware ESXi 6.0\5.5\5.1\5.0\4.1\4.0, VMware ESX 4.1\4.0, VMware VSphere, VMware ESX Server, VMware HA, VMware Live Motion, VMware DRS, VMware Converter, Microsoft Virtual Server, Microsoft Hyper-V Server, HP PolyServe.

Backup	IBM Tivoli TSM\TDP Client, Quest LiteSpeed, Idera SQL Safe Backup, Red-Gate SQL Backup, Legato NetWorker.
Performance	IBM Tivoli Monitoring, SCOM, MOM, Dynatrace, Nagios, App Dynamics, Idera SQL Diagnostic Manager, SQL Sentry Performance Advisor\Event manager, Confio Ignite, Quest Spotlight, SQL Check, SQL Deadlock Detector, SQL Ultimate Debugger, SQL Ultimate Performance Monitor, SQL HeartBeat, SQL Server Cache Manager, SQL Trace Analyzer, Extended Events, Performance Monitor, SQL Server Profiler, DMVs, PAL, SQLDiag, PSSDiag, SQLNexus, Performance Dashboard Reports.
Web Servers	IIS, Web Logic, Apache, Tomcat
Source Ctrl	Git, GitHub, Team Foundation Server, CVS, Virtual SourceSafe (VSS)
Editors	Notepad, WordPad, MS-DOS Editor, PsPad, Notepad++, Vi, Vim, Pico, Ed, Primal Code, Sharp Develop, Ultra Compare
Storage	SCSI SAN, Fibre-Chanel SAN, SSD, Fusion-IO, NAS, DAS
OS	Windows NT 4.0/2000/XP/VISTA/11, WINDOWS SERVER 2022/2019/2016/2012/2008R2/2008/2003/2000, UNIX, LINUX
LINUX	Red Hat Enterprise Linux (RHEL), SUSE Linux Enterprise Server (SLES), Ubuntu, Fedora, Debian, CentOS, Linux Mint
Other Tools	Autosys, Tivoli, Visual Studio, Power BI, DB Visualizer, DBeaver, Cluster Administrator, Team Foundation Server, Oracle SQL Developer, Team Foundation Server, Toad for Oracle, Crystal Reports, Solarwinds, Spotlight, Red Gate Source Control, Red Gate SQL Compare, SQL Data Compare, SQL Packager, SQL Doc, SQL Toolkit, SQL Log Rescue, SQL Refactor, TOAD for SQL, SQL Internal Viewer , , SQL Permissions, SpaceMonger , ExamDiff, StarInix SQL Compare , SQL Accord, SQL SPY, Idera SQL Change Manager, Embarcadero Change Manager, Excel, Project, ProClarity, Putty, Biztalk, Power shell, MOM, SCOM, BMC Patrol, SharePoint Server, Windows SharePoint Services, Sybase Power Designer.

Work Experience

Kroger	Sr Data Engineer\DBA	Sep 2020– Till Now
Cincinnati, Ohio (Remote)		

Description: The Kroger Company, or simply Kroger, is an American retail company founded by Bernard Kroger in 1883 and is the United States' largest supermarket by revenue and the second-largest general retailer (behind Walmart). Kroger is also the fifth-largest retailer in the world and the fourth largest American-owned private employer in the United States. Kroger is ranked #23 on the Fortune 500 rankings of the largest United States corporations by total revenue.

Responsibilities:

- Installed, configured and administered **On-premise and Cloud MS SQL Server 2022\2019\2017\2016\2014\2012\2008 R2\2008** on Windows multi-node clusters, standalone servers and **AWS\Azure (RDS, Aurora, Redshift, Azure SQL, Managed Instances Paas & Iaas, Databricks)** and updated them with latest service packs & hotfixes.
- Migrated **on-premise SQL Servers to AWS RDS and Azure SQL Databases.**
- Migrated **on-premise SQL Server\Postgres instances to AWS Postgres RDS and Azure SQL Databases.**
- Migrated **on-premise DB2 Servers (LUW) to Azure Postgres and Azure SQL MI.**
- Migrating **On-premise, Redshift Datawarehouses to Databricks.**
- Worked with **Geospatial data using Geodatabases** and Microsoft **Geometry and Geography** datatypes using **ESRI GIS.**
- Developed solutions to work with **Snowflake** cloud data warehouses using ADF pipelines and complex SQL scripts.
- Worked with **Azure Synapse Analytics using Serverless Pools, Spark Pools, Dedicated SQL Pools, Synapse Pipelines, Synapse Link for SQL Server 2022\ Cosmos DB** for near real time data analytics and reporting, advanced SQL Scripts and Python notebooks.
- Worked with **AWS\Azure Databricks using Unity Catalog, Hive metastore, Databricks notebooks, Databricks utilities, magic commands, Databricks clusters, cluster pools, jobs, workflows, Databricks File system (DBFS), Azure Key Vault Secrets, ADF pipelines, Apache Airflow pipelines, AWS Glue ETL Jobs and Power BI integration for visualizations and reports.**
- Implemented **Full Refresh as well as Incremental loads** into Data lakes and Delta lake houses using ADF\Airflow pipelines and python notebooks and AWS Glue Jobs.
- Worked with various file formats like **Parquet, Delta, JSON, CSV, Avro, ORC** etc for data ingestion and data processing needs.
- Provisioned and managed SQL Server instances on **AWS EC2 and Azure VMs**
- Implemented **On-premise and Cloud Always ON** solutions to provide **High Availability and Disaster Recovery (HADR)** for mission critical applications and achieved fives nines of availability.
- Installed and administered **Multi-Node active-active and active passive clusters and geo-dispersed clusters** to provide High Availability (HA) and Disaster Recovery (DR).
- Designed and implemented SQL Server solutions using **AWS EC2 instances, AWS RDS, Azure VMs, Azure SQL managed Instances, Azure SQL databases, Hyperscale and Serverless databases.**

- Performed performance tuning and optimization of enterprise servers, databases, applications, SSIS packages, SSRS reports and SSAS cubes.
- Performed periodic in-depth health-checks of mission critical SQL Servers for maximizing the performance and proactively eliminating the issues.
- Fine-tuned the SQL Server instances by designing the database maintenance solutions like Index rebuilds, Reorgs, update statistics, DBCC Checks and backup and restore procedures.
- Optimized Data scrub process (**Data Slimming & PII Obfuscation**) to reduce the run time from months to few hours.
- Done performance tuning, optimization and troubleshooting of poorly performing SQL queries, problematic SQL Code, Application code by capturing their **SQL Execution plans and doing an in-depth analysis of the execution plans.**
- Run tools like **Query Store, Extended events, SQL Server profiler, Database Engine Tuning Advisor (DTA), Performance Monitor, PAL, DMVs** etc. to fine tune the slow running queries.
- Implemented SQL Server High Availability (HA) and Disaster Recovery (DR) solutions using **Azure Geo Replication** feature.
- Deploy, manage and administer SQL Server instances on AWS RDS.
- Provisioned Azure SQL servers and created Azure SQL Databases on them and provision access to the database users.
- Provisioned **Azure Cosmos DB** instances and created Cosmos Databases (NoSQL & Graph DBs).
- Created **Azure Cosmos DB** containers and provisioned throughput using Autopilot and manual modes.
- Performed data refreshes from **Azure Cosmos DB** Production to the lower SDLC environments using tools like **Azure Data Factory, Comic clone** etc.
- Designed and implemented Backup and Restore solutions for Azure Cosmos DB databases using **Azure Data Factory** and automated them using PowerShell.
- Created **Azure Storage** accounts, Store Keys and SAS keys to create storage containers for both Page Blob and Block Blobs.
- Configured **Azure Monitor alerts** and integrated with **MOMSHIM** system.
- Protect access to the Azure SQL databases by creating firewalls and database encryption.
- Designed and implemented **Azure SQL backup** and restore solutions and configuring the backup retention policies.
- For Very Large Databases (VLDBs – Multi TB DBs), resolved the file size limitation issues of Azure storage containers by configuring split backups using Page Blobs with SAS tokens and by using additional backup parameters.
- Designed security policies for data access in Azure using **Azure AD authentication** as well as SQL Authentication and by adding firewall access rule to allow specific Client IP address ranges to access the SQL Databases.
- Migrated On-premise SQL Server databases to the Azure cloud and vice versa and fixed the migration issues both at schema and access levels.
- Monitored and optimized the performance of Azure SQL databases using native and third party tools like **App Dynamics, Nagios, Dynatrace** etc ..

- Automated daily manual Azure SQL database administrative tasks using PowerShell.
- Designed and implemented backup and recovery procedures and conduct periodic DR drills to ensure fail proof DR strategies in case of disasters.
- Design, deploy, migrate and execute **SSIS packages using Azure Data Factory (ADF) and SSIS Integration runtime (Self hosted IR and Azure SSIS IR).**
- Designed and implemented Complex and Very Large Databases (VLDBs) using Database Partitioning techniques of Horizontal & Vertical Partitioning.
- Administered complex and very large databases (VLDB) using file group backups and piecemeal restores and sliding window techniques.
- Optimized the performance of Complex and Very Large Databases (VLDBs) using partitioning elimination methodology and by using periodic & targeted Index rebuilds and Update statistics.
- For multi-terabyte VLDB database, to optimize page blob backups that takes too long to complete, converted them to block blob backups with multiple split backup files.
- Greatly simplified the VLDB backup/restore scenarios by using Azure file-snapshot backups, in much the same way as SAN storage snapshots and complete the back\restores in secs compared to hours in block blob backups.
- Automated the daily administrative tasks like Always ON secondary setups, Availability Group failovers, Database Refreshes of lower SDLC environments, daily Full, Differential, Transaction Log backups, database maintenance tasks like Index rebuilds, Database Integrity Checks, Update statistics using TSQL and PowerShell scripts.
- Designed and implemented Encryption solutions like SSL transport encryption, Cell level encryption, Column encryption, Backup encryption, Transparent Data Encryption (TDE), Always encrypted solution as an essential line of defense in our security defense strategy.
- Reviewed the database data manipulation (DML) / definition (DDL) scripts submitted by the developers and provide suggestions to improve them both in terms of functionality and performance.
- Conducted code reviews with the architects and database developers and ensured that their code conforms to the enterprise database standards.
- Ensured that the production data for the lower SDLC data refreshes has been masked to prevent unauthorized access to the sensitive information as part of database security standards.
- Supporting architects and application programmers in the testing of database applications
- Providing technical assistance to architects, application programmers, database developers and other team members.
- Assisted Architects and developers in implementing and validation of various SQL server new features and solutions and in the development of the conceptual & logical database design.

Environment: SQL Server 2008/2008R2/2012/2014/2016/2017/2019, Azure SQL DB, SQL Managed Instance, Postgresql, Oracle, MySQL, MongoDB, Cassandra, Windows Server 2008R2/2012, ESRI GIS, AWS, RDS, Apache Airflow, Flink, Hudi, Big Data, Snowflake, Azure Synapse Analytics, Databricks, Redshift, Hadoop, PowerShell, Postgres, Ispirer, BARMAN, pg_dump, pg_backup, pg_timetable, pg_cron, pg_agent, DB2PG, Spectral core DB2toPostgres, SQLlines, IBM Data Studio, HVR, Qlik, Talend Data Integration, Talend Stitch, Talend Open Studio ,Linux, Unix, Azure IAAS, PAAS, SAAS, Azure DMA, Azure DMS, Azure Databricks, Azure Synapse

Analytics, PySpark, Spark SQL, ADLS, Delta Lake, Power BI, Azure Cosmos DB, Azure Data Factory, AWS Databricks, Redshift, Glue, S3, IAM, Terraform, Ansible, Snowflake, Python, SSMA, SSIS IR, AWS RDS, Solarwinds, AppDynamics, Dynatrace, Nagios, vFire, IAM, Azure Storage Explorer, Cosmic Clone, Oracle, Octopus Deploy, SSIS, SSRS, SSAS, Power BI, SharePoint, BIDS, PowerShell, Data Tools, Power BI, Visual Studio 2017, Team Foundation Server (TFS), .Net, BizTalk, SCOM, DB Visualizer, DBeaver, Red Gate SQLToolBelt, Performance Monitor, SQL Server Profiler, Extended Events, BCP, Erwin Data Modeler, MS Visio, SQLIO, SQLIOSIM, DTA, PAL, SQLDIAG, SQLNEXUS, VMWare VSphere, Oracle SQL Developer, Toad for Oracle, Putty, IBM Data Studio, DB2 Control Center, IBM TSM\TDP clients.

<p>ConEdison Sep 2015 – Aug 2020 Manhattan, NYC Sr DBA\Data Engineer</p>		
---	--	--

Description: **Consolidated Edison, Inc.**, commonly known as Con Edison or Con Ed, is one of the largest investor-owned energy companies in the United States, with approximately \$13 billion in annual revenues as of 2010, and over \$36 billion in assets. For more than 190 years, Con Edison has been building the energy and infrastructure needed to fuel and sustain the NYC’s growth. Con Edison remains one of the largest and most complex — yet most reliable — gas, steam, and electric power systems in the world, providing service to more than 3 million customers in New York City and Westchester County.

Responsibilities:

- Installed, configured and administered MS SQL Server 2019\2017\2016\2014\2012\2008 R2\2008 on Windows multi-node clusters, standalone servers and VMs and updated them with latest service packs & hotfixes.
- Worked with **Azure Synapse Analytics using Serverless Pools, Spark Pools, Dedicated SQL Pools, Synapse Pipelines, Synapse Link for SQL Server 2022\ Cosmos DB** for near real time data analytics and reporting, advanced SQL Scripts and Python notebooks.
- Worked with **Azure Databricks using Unity Catalog, Hive metastore, Databricks notebooks, Databricks utilities, magic commands, Databricks clusters, cluster pools, jobs, workflows, Databricks File system (DBFS), Azure Key Vault Secrets, ADF pipelines and Power BI integration for visualtions and reports.**
- Implemented **Full Refresh as well as Incremental loads** into Data lakes and Delta lake houses using ADF pipeline and Azure notebooks and AWS Glue Jobs.
- Worked with various file formats like **Parquet, Delta, JSON, CSV, Avro, ORC** etc for data ingestion and data processing needs.

- Extensively done performance tuning and optimization of SQL Server Clusters, stand-alone instances and databases.
- Designed and Deployed SQL Server best practices using Policy Based Management (PBM) as an enterprise framework.
- Architected SQL Server solutions and developed In-depth Standard Operational Procedures (SOPs) for implementing new features.
- Improved performance drastically by Implemented In-Memory OLTP through natively compiled stored procedures and bufferpool extension.
- Performed In-depth Health Check analysis on Mission Critical SQL Server databases both at Hardware and Software level.
- Designed and deployed High Availability (HA) and Disaster Recovery (DR) solutions like multi-node clusters, DB Mirroring, Log Shipping and Replication.
- Implemented Always ON solutions to provide High Availability and Disaster Recovery (HADR) for mission critical applications and achieved fives nines of availability.
- Designed backup and recovery procedures and conducted periodic DR drills to ensure fail proof DR strategies in case of disasters.
- Migrated and upgraded older SQL Server databases to SQL Server 2016\2014\2012.
- Involved in the creation and tuning of database objects such as tables, stored procedures, UDFs, indexes, triggers, and views.
- Tightened the DB security by implementing auditing, encryption, PBM security policies and also by using the principle of least privileges and reducing the surface area of attack.
- Implement best practices for the optimal functioning of SQL Server environment.
- Troubleshooted and optimized the performance of SSIS packages and guided ETL developers with best practices for boosting the performance and robustness of ETL Workflows.
- Designed complex SSIS packages for loading the enterprise data warehouse and scheduled them as SQL Server agent jobs.
- Developed & deployed SSRS reports, managed report server security and assisted developers in troubleshooting and resolving SSRS report issues.
- Work with business users to manage the patching of SQL Servers and will assist in the planning and execution of the database and jobs upgrades across the Development, Test and Production environments.
- Research, evaluate and recommend technical solutions and do planning, research, time management, multi-tasking, problem resolution and decision making in a demanding situation supporting Production systems.
- Work effectively and collaboratively, with internal business and technical teams, vendors and consultants, and the ability to take directions and plan and execute independently or with minimal guidance.
- Work closely with the other IT departments to configure server and storage components and support and perform database and job upgrades to newer SQL Server versions.
- Review, coordinate and execute database object modification scripts and SQL Server jobs modifications provided by application developers in the Test and Production environments.
- Serve as a SME in all aspects of database management and administration.

- Provided 24X7 support to the mission critical production SQL Server environments.

Environment: SQL Server 2008/2008R2/2012/2014/2016/2017/2019, SQL Azure, Windows Server 2008R2/2012, Microsoft Hyper-V, Big Data, Snowflake, Azure Synapse Analytics, Azure Databricks, Redshift, Hadoop, Postgresql, Oracle, MySQL, IBM DB2, Azure, AWS, SSIS, SSRS, SSAS, SharePoint, BIDS, PowerShell, Python, Data Tools, Power BI, Visual Studio 2010/2013, pgAdmin, psql client, BARMAN, pg_dump, pg_backup, pgBackRest, pg_partman, pg_timetable, pg_cron, pg_agent, Team Foundation Server (TFS), .Net, Microsoft Access, Terraform, Ansible, Azure IAAS, PAAS, SAAS, Azure DMA, Azure DMS, Azure Databricks, Azure Synapse Analytics, PySpark, Spark SQL, ADLS, Delta Lake, Power BI, Azure Cosmos DB, Azure Data Factory, AWS Databricks, Redshift, Glue, S3, IAM, Terraform, BizTalk, PEGA, SAP, HPSM, SCOM, SCCM, Performance Monitor, SQL Server Profiler, Extended Events, BCP, Erwin Data Modeler, MS Visio, SQLIO, SQLIOSIM, DTA, SQLDIAG, SQLNEXUS, VMWare VSphere, Oracle SQL Developer, Toad for Oracle, IBM Data Studio, DB2 Control Center, IBM TSM\TDP clients.

Microsoft\NYPD

Oct 2014 – Aug 2015

Manhattan, NYC

Sr SQL Server DBA\Data Engineer

Description: Microsoft Corporation is an American multinational technology company headquartered in Redmond, Washington, that develops, manufactures, licenses, supports and sells computer software, consumer electronics and personal computers and services. Its best known software products are the Microsoft Windows line of operating systems, Microsoft Office, and Internet Explorer web browser. It is the world's largest software maker measured by revenues.

Responsibilities:

- Installed, configured and administered MS SQL Server 2014\2012\2008 R2 on Windows multi-node clusters, standalone servers and VMs and updated them with latest service packs & hotfixes.
- Designed and implemented Always-ON HADR solutions for mission critical enterprise applications.
- Performance tuned and optimized enterprise servers, databases and applications and extensively done periodic health-checks for maximizing the performance and proactively eliminating the issues.

- Migrated and upgraded older versions of SQL Server databases to SQL Server 2012\2008 R2 and resolved the issues.
- Implemented and supported the High Availability and Disaster Recovery solutions involving Multi node clusters, Database Mirroring, Log shipping and transactional replication.
- Automated and administered database activities using Powershell custom scripts.
- Administered very large databases (VLDB) and optimized their performances using partitioning techniques.
- Designed complex SSIS packages for loading the enterprise data warehouse and scheduled them as SQL Server agent jobs.
- Involved in the creation and tuning of database objects such as tables, stored procedures, UDFs, indexes, triggers, and views.
- Tightened the DB security by implementing auditing, PBM security policies and also by using the principle of least privileges and reducing the surface area of attack.
- Troubleshooted the blocking and deadlock issues and resolved them.
- Optimized the Backup and Restore procedures and significantly reduced the backup and recovery times.
- Involved in the logical and physical database design and ER models.
- Designed complex SSIS packages to implement business logic, converted DTS packages to SSIS packages and deployed/scheduled them onto the dedicated SSIS servers.
- Assisted developers in designing and deploying SQL Server reports to Report Server and manage SSRS security and scheduled reports.
- Provided 24X7 support to the mission critical production SQL Server environments.

Environment: SQL Server 2008/2008R2/2012/2014/2016, SQL Azure, Windows Server 2008R2/2012, Postgres, Microsoft Hyper-V, SSIS, SSRS, SSAS, SharePoint, BIDS, PowerShell, Data Tools, Visual Studio 2010/2013, Team Foundation Server (TFS), .Net, Microsoft Access, SAP, Performance Monitor, SQL Server Profiler, Extended Events, BCP, Erwin Data Modeler, Python, MS Visio, SQLIO, SQLIOSIM, DTA, SQLDIAG, SQLNEXUS, VMWare, Oracle SQL Developer, Toad for Oracle, IBM Data Studio, DB2 Control Center, IBM TSM\TDP clients.

<p>Florida Department of Education (FLDOE) Nov 2013 – Oct 2014</p> <p>Tallahassee, FL</p> <p>Lead SQL Server DBA\Architect</p>		
---	--	--

Description: The Florida Department of Education (FLDOE) is the state education agency of Florida. It governs public education and manages funding and testing for local educational agencies (school boards).

Responsibilities:

- Installed, configured and administered MS SQL Server 2014\2012 on Windows Server 2012 servers and updated them with latest service packs.
- Designed & Implemented High Availability Solutions using SQL Server 2012 multi-node failover clusters on Windows Server 2012.
- Upgraded **Bureau of Educator Certification (BEC)** DB2 databases to SQL Server 2012.
- Upgraded **Bureau of Educator Certification (BEC)** legacy SQL Server 2000\2005 databases to SQL 2005\SQL2008 R2\SQL Server 2012.
- Involved in the virtualization projects consisting of P2V and V2V migrations.
- Configured solid SQL Server security for the enterprise servers as per the best practices and also setup auditing and activity monitoring.
- Extensively done Performance Optimization, Tuning and Troubleshooting performance issues and resource bottlenecks at the Server, Database and Application levels and fine-tuned slow running queries.
- Involved in the design of database server infrastructure and the development of Business Continuity Plan (BCP).
- Cross-database data migration between IBM DB2 and SQL Server 2012 and fixes the data type mismatch issues.
- Converted IBM DB2 jobs to SQL Server 2012 and resolve the issues.
- Developed and tested the roll back plan from SQL Server 2012 to DB2 for the BEC DB2 upgrade project.
- Designed and implemented SQL Server security using Principle of Least Privileges under least-privileged user account (LUA) approach.
- Fine-tuned the SQL Server instances by designing the database maintenance solutions like Index rebuilds\Reorgs, update statistics, DBCC Checks and backup and restore procedures.
- Extensively created database objects such as tables, stored procedures, UDFs, indexes, triggers, and views and also managed security by creating logins, users and by assigning them appropriate roles and permissions.
- Supported the Paperless Communication Email Notification project.
- Supported the conversion of BEC active reports to SSRS reports.
- Involved in the logical and physical database design and ER models.
- Performed capacity planning to find out the adequate space requirements for the servers and databases.
- Developed and tested a backup\restore plan for the SQL Server 2012 DB servers.
- Assisted developers in designing and deploying SQL Server reports to Report Server and manage SSRS security and scheduled reports.

- Migrated DTS packages, developed SSIS packages and also assisted developers in creating, modifying and deploying SSIS packages to the Integration Services Server.
- Managed DTS\SSIS security and scheduled the SSIS packages as SQL Server Agent Jobs.
- Provided training to the developers on creating and deploying SSRS reports.

Environment: SQL Server 2000/2005/2008/2008R2/2012/2014, Windows Server 2003/2008R2/2012, VMware ESXi 5.5\5.1, VMware Converter, SSIS, SSRS, SSAS, BIDS, Powershell, Data Tools, IBM Data Studio, DB2 Control Center, Toad for DB2, Visual Studio 2010/2013, Team Foundation Server, .Net, Microsoft Access, Performance Monitor, SQL Server Profiler, Extended Events, BCP, Erwin Data Modeler, MS Visio, SQLines, UltraCompare.

<p>TIAA (Financial Services) March 2011 – Oct 2013</p> <p>Charlotte, NC</p> <p>Sr SQL Server DBA</p>		
---	--	--

Description: **Teachers Insurance and Annuity Association** is a Fortune 100 financial services organization (**Banking, Mutual Funds, Brokerage, Risk, Equity, Investing, Advice & Retirement**) that is the leading provider of financial services in the academic, research, medical, cultural and governmental fields. TIAA serves over 5 million active and retired employees participating at more than 15,000 institutions and has \$1 trillion in combined assets under management with holdings in more than 50 countries.

Responsibilities:

- Installed, configured and administered MS SQL Server 2000/2005/2008/2008 R2/2012 on Windows 2000/2003/2008/2008 R2 servers and updated them with hot fixes and latest service packs.
- Designed and implemented multi-site High Availability and Disaster Recovery solutions using **Always-ON** technology, Database Mirroring and Log Shipping.
- Provided 24X7 support to the mission critical Server 2000, 2005, 2008 and 2008 R2, 2012 production instance environments in a 24x7 capacity.
 - Extensively involved in Performance Optimization, Tuning and Troubleshooting performance issues and resource bottlenecks at the Server, Database and Application levels and fine-tuned long running queries.
- Performed large-scale Database Upgrades and Consolidations from older SQL

Server versions (SQL Server 2000, 2005, 2008, 2008 R2) to higher versions (SQL Server 2005, 2008, 2008 R2, 2012) in order to avoid SQL Server Sprawl, assist in the cost savings, eliminate failure-prone hardware and to confront the supportability issues.

- Consolidated physical servers and converted them P2V & V2V to reduce the hardware failures, server footprint and to achieve cost savings.
- Installed and administered Multi-Node active-active and active passive clusters, Synchronous and Asynchronous DB Mirroring and Log shipping with delayed apply techniques.
- Led SQL Server Audit team and also administered and maintained SQL server activity monitoring and quarterly compliance audits using the tools like IDERA SQL Compliance Manager, Lumigent, Oracle Audit Vault and IBM Guardium.
- Performed comprehensive Health Checks for mission critical production servers and resolved performance issues as well as resource bottlenecks and contention issues.
- Engineer and reverse-engineer SQL Server solutions based on the business requirements.
- Optimized SQL Server databases by scheduling regular database maintenance tasks like Index Rebuilds, Index Reorg, Index maintenance and Update statistics.
- Involved in database design (both Logical Data Modeling and Physical Data Modeling) of the system.
- Implemented Microsoft SQL Server Best practices through Compliance reports using Policy Based Management Policy (PBM) checks.
- Tightened Security by performing daily checks for any elevated privileges, Dormant Reports, User termination, revoking access and by using Windows authentication protocols (Kerberos and NTLM).
- Implemented Replication solutions like Transactional, Merge and Snapshot replication solutions.
- Involved in implementing ITIL CMDB process like Change Management, Incident Management, Problem management and Catalog tasks.
- Involved in the Recovery of the corrupted databases and server crashes.
- Validate disk storage performance and integrity using SQLIO and SQLIOSIM.
- Designed and implemented Backup and recovery solutions involving Full, Differential, Transaction Log and File Group Backups (for Very Large Databases VLDBs)
- Supported critical projects involving Agile development methodology
- Designed and developed complex SSIS packages for loading data into Data warehouses and to accomplish critical business requirements.
- Assisted developers in creating Complex SSIS packages, converting DTS Packages to SSIS, Package Migrations, Package deployments, Package enhancements, extensive troubleshooting and manage SSIS security.
- Assisted developers in promoting code changes, code reviews, creating DB objects like tables, views, stored procedures, triggers, functions etc
- Did capacity planning and proactive monitoring with daily reports and alerts to avoid disk space, file growth and other database related issues.

- Deploy and schedule SQL Server TDP backups and application jobs using third party scheduling software, Autosys and monitor the job status.
- Written and developed complex SSRS reports and scheduled them as per the business needs.
- Assisted developers in designing reports and deploying SQL Server reports to Report Server and manage SSRS security and scheduled reports.
- Created and deployed SSAS cubes using SQL Server Analysis Services.
- Provided training to the junior DBAs and Developers.

Environment: SQL Server 2000/2005/2008/2008R2/2012, Windows Server 2000/2003/2008/2008R2, VMware ESXi 5.1\5.0\4.1\4.0, VMware ESX Server 5.0, VMware ESX Server 4.1, VMware Converter, Microsoft Hyper-V, SAP, MySQL, IBM Tivoli Monitoring, Idera SQL Diagnostic Manager, SQL Sentry Performance Advisor\Event manager, Confio Ignite, IBM Guardium, IDERA SQL Compliance Manager, Lumigent, Oracle Audit Vault, Native SQL Server Audit, Autosys, IBM TSM\TDP clients, Powershell, ASP.NET, C#.NET , F5 switch, SQLIO, SQLIOSIM, DTA, SQL Server Profiler, Performance Monitor, DMVs, Performance Dashboard , Activity Monitor, Kerberos, NTLM, Toad for Oracle, Team Foundation Server, MySQL, Oracle SQL Developer, SharePoint, SSIS, SSRS, SSAS, BCP, SQLCMD, .NET, Data Compare, Spotlight, Microsoft Access, VBScript, Cluster Administrator, EMC SRDF\A, Ntk Load Balancer, F5 Switch, Package Migration Wizard, MS Visual Studio, MS BIDS.

<p>Xtivia, Inc.</p> <p>Colorado Springs, CO</p> <p>August 2010 – March 2011</p> <p>Sr SQL Server DBA</p>		
--	--	--

Description: Xtivia, Inc. provides information technology consulting services (**Global Remote DBA services for hundreds of diverse clients\domains**). It offers database management services, such as backup and recovery, database installation/management, health checks/performance tuning, migration and upgrade, security and High Availability services. It also offers enterprise application development and integration, portal development, Web application development and business intelligence (BI) and data warehousing services. It provides 365x24x7 support through its Virtual DBA service to global clients.

Responsibilities:

- Installed, configured and administered MS SQL Server 2000/2005/2008/2008 R2 on Windows 2000/2003/2008 servers and updated them with hot fixes and latest service packs.
- Provided 24x7 support to the mission critical Server 2000, 2005, 2008 and 2008 R2 production instance environments, in a 24x7 capacity.

- Extensively involved in the performance tuning of the SQL Server 2000, 2005, 2008 and 2008 R2 instances.
- Consolidated physical servers and converted them P2V & V2V to reduce the hardware failures, server footprint and to achieve cost savings.
- Monitored the customer critical SQL Server instances 24X7 for the missed heartbeats, extended blocking, deadlocks, disk space issues, database file growth, fatal hardware errors, fatal errors in the current process, cluster failovers, log shipping, replication, mirroring failures, security threats and connection timeouts.
- Health Checks – performed in-depth Health Checks for various customers as required. These checks provide baselines for future comparison as well as suggestions for the improvements in performance, server design, hardware configurations, external and internal fragmentations, security, backup strategies, resolution of error conditions and memory configuration.
- Installed, administered and monitored mission critical multimode Active\Active and Active\Passive SQL Server Failover clusters.
- Assisted clients in migrating and upgrading their SQL Server 2000\2005\2008 instances to 2000\2005\2008\2008 R2.
- Extensively done performance tuning, optimization, troubleshooting and resolved resource bottlenecks and fine-tuned the slow running queries and their execution plans.
- Implemented five nines of availability using the SQL Server High Availability solutions like Database Mirroring, Log Shipping and replication techniques (Transactional, Snapshot, Merge and Peer to peer replication) for the clients.
- Troubleshooting – have used my experience and problem solving skills to resolve issues that were either internal SQL Server problems or related to but not limited to SQL Server.
- Implemented SQL Server 2008 new features like Policy Based Management, Resource Governor, Change Data Capture, Backup compression and Performance Data Collector.
- Extensively involved in creating and maintaining DTS and SSIS packages, migrating DTS packages between the servers, converting DTS packages to SSIS packages.
- Involved in the Recovery of the corrupted databases and server crashes.
- Implemented Disaster Recovery techniques using Backup\restore, Log shipping, Database mirroring and SAN based replication.
- Fine tuned the SQL Server instances by designing the database maintenance solutions like Index rebuilds\Reorgs, update statistics, DBCC Checks and backup and restore procedures.
- Created various database objects like tables, views, triggers, stored procedures and also involved in setting up security for the SQL Server instances.
- Involved in migrating the data between heterogeneous data sources including Oracle, SQLServer, Postgres and DB2 by setting up the linked servers.
- Troubleshot and resolved the issues related to blocking, deadlocks, server slowness and slow running websites.
- Performed the capacity planning to find out the adequate space requirements for the servers and databases.
- Involved in the Logical and physical design of the databases.
- Developed Reports using SQL Server Reporting Services (SSRS) Report Designer, Report Builder and Crystal Reports.

- Created and deployed SSAS cubes using SQL Server Analysis Services.
- Involved in projects utilizing Agile software development methodology.
- Provided training to the junior DBAs and Developers.

Environment: SQL Server 2000/2005/2008/2008R2/Denali, Windows Server 2000/2003/2008, VMware ESXi 4.1\4.0, VMware Converter, Microsoft Hyper-V, DTA, SQL Server Profiler, Performance Monitor, DMVs, Performance Dashboard , Activity Monitor, Powershell, ASP.NET, C#.NET SharePoint, SSIS, SSRS, SSAS, BCP, SQLCMD, .NET, MS Visio, ERWIN, BMC Patrol, SQL Data Compare, Spotlight, SQL Diagnostic Manager, VBScript, VMware ESX Server 4.0, Diskeeper, HP PolyServe ,Crystal Reports, Veritas Volume Manager, Cluster Administrator, EMC SRDF\A, Package Migration Wizard, MS Visual Studio, MS BIDS.

<p>Forest Laboratories, Inc. Apr'09-Oct'09, May'10-Aug'10</p> <p>Commack NY – St Louis MO</p> <p>SQL Server Architect\Lead.</p>		
--	--	--

Description: Forest Laboratories, Inc. identifies, develops, and delivers pharmaceutical products that make a difference in people's lives and it has well-established franchises in the therapeutic areas of the central nervous and cardiovascular systems. The Company's products in the United States consist of branded ethical drug specialties marketed directly or detailed to physicians by its Forest Pharmaceuticals, Forest Therapeutics, Forest Healthcare, Forest Ethicare and Forest Specialty Sales.

Responsibilities:

- Installed and maintained MS SQL Server 2000/2005/2008 (32-bit & 64-bit) on Windows 2000/2003/2008 servers in physical as well as virtual environments and updated them with the latest service packs.
- Upgraded SQL Server 2000 to 2005, 2005 to 2008 and resolved the issues.
- Worked on server consolidation project involving P2V & V2V conversions.
- Worked on 2 Node Active – Passive and 3 Node Active-Active cluster environments.
- Implemented Disaster Recovery (DR) strategies for the clustered production databases using DB Mirroring and for the VMware Virtual machines using SAN based SRDF\A.
- Extensively created and managed database objects such as tables, stored procedures, clustered and non-clustered indexes, triggers and views.
- Configured SSIS to work on the cluster nodes and had setup SSRS for the clustered SQL Server instances.

- Actively involved in the design of Disaster Recovery (DR) strategies for SSIS, SSRS and SSAS on clusters, the design of primary and secondary failover cluster nodes and SAN storage allocation for the clustered SQL Server instances.
- Involved in creating full, differential, transaction Log and file group backups & restoring those backups, designing backup strategies and scheduling backups.
- Implemented and administered security by creating user logins with appropriate roles, dropping and locking the logins, monitoring the user accounts, creation of groups and granting the Privileges to users and groups.
- Involved in logical and physical database design, capacity planning, performance tuning, query optimization and troubleshooting performance bottle necks.
- Created, modified, maintained and troubleshooted SQL Server Agent jobs.
- Resolved Oracle connectivity and 32-bit DTS Packages issues on a 64-bit cluster instances.
- Installed, managed and administered Oracle databases and security.
- Created and monitored database maintenance plans for checking database integrity, data base backups, rebuilding and reorganizing indexes and updating statistics.
- Configured SQL Server Aliases on the client machines using SQL Server Configuration Manger and windows registry scripts.
- Created an enterprise level central SSIS Server and extensively created, administered and scheduled SSIS packages.
- Migrated DTS packages to SSIS packages using DTS profiler and Package Migration Wizard.
- Extensively used Snapshot and Transactional Replications to update databases in different physical locations and resolved several issues between the servers in Replication.
- Installed, configured and administered SQL Server Report Server and also created and managed various kinds of SSRS reports like tabular, matrix, chart and drill-down reports using SSRS and Crystal Reports 11.
- Actively involved in remedy incident management by issuing and resolving incident tickets.
- Created and deployed SSAS cubes using SQL Server Analysis Services.
- Supported projects utilizing Agile software development methodology.
- Involved in 24 x 7 production support.

Environment: SQL Server 2000/2005/2008, Windows Server 2000/2003/2008, Team Foundation Server, Sybase, SAP, VMware ESXi 4.0, VMware ESX Server 3.5, VMware Converter, Legato Netscaler, Legato Networker, Veritas Volume Manager, Cluster Administrator, Powershell, EMC SRDF\A, DTS Xchange, DTS Profiler, Package Migration Wizard, Crystal Reports 11, RMAN, OEM, Export/Import, Data Pump, XPATH, OPENXML , SQL Loader, DB Verify, Log Miner, ASMCMD, DataGaurd, Oracle SQL Developer, Toad for Oracle, MS Visual Studio, MS BIDS, ASP.NET, C#.NET , SharePoint, MOM, BCP, SQLCMD, .NET, MS Visio, ERWIN, BMC Patrol, SQL Data Compare, SQLSafe, Spotlight, SQL Diagnostic Manager, Idera SQL Admin toolset.

Pfizer, Inc.		
--------------	--	--

Groton, CT
Oct'09-April'10.

Sr. SQL Server DBA

Description: Pfizer Incorporated is a [pharmaceutical company](#), ranking number one in sales in the world. The company is based in [New York City](#), with its research headquarters in [Groton, Connecticut](#). Pfizer applies science and its global resources to improve health and well-being at every stage of life. Pfizer's diversified global health care portfolio includes human and animal biologic and small molecule medicines and vaccines, as well as nutritional products and many consumer health care products.

Responsibilities:

- Installed, configured and administered MS SQL Server 2000/2005/2008 on Windows 2000/2003/2008 servers and updated them with hotfixes and latest service packs.
- Managed and administered multi-node Active-Active and Active-Passive clusters.
- Implemented SQL Server 2008 new features like Policy Based Management, Resource Governor, Performance Data collector, Backup Compression and Change Data Capture.
- Installed and managed SQL Server 2005/2008 on VMware ESX servers.
- Consolidated dispersed SQL Server instances onto multi node failover clusters.
- Configured enterprise wide monitoring system for the SQL Server Instances using native SQL Server tools.
- Performed migrations from SQL Server 2000 to 2005 and SQL Server 2005 to 2008.
- Extensively created database objects such as tables, stored procedures, UDFs, indexes, triggers, and views and also managed security by creating logins, users and by assigning them appropriate roles and permissions.
- Took the lead in delivering data warehouse and business intelligence solutions utilizing the Microsoft BI platform.
- Maintained existing enterprise data warehouse and business intelligence implementations, involving SQL Server 2005/2008 tools.
- Performed data modeling based on business requirements, and optimized data models for business intelligence implementations
- Effectively managed very large databases with hundreds of millions of rows.
- Extensively migrated data between heterogeneous sources like SQL Server, Oracle and DB2.
- Effectively Managed and administered Oracle databases.
- Converted DTS packages to SSIS packages using DTS Xchange, Package Migration wizard and manual migrations.

- Implemented Disaster Recovery solutions between remote sites using Database Mirroring and Log shipping.
- Involved in setting up robust security for the SQL Server instances in the company's private network and also in the DMZ.
- Configured windows firewall to work with SQL Server instances with dedicated static ports.
- Extensively done performance tuning, optimization, troubleshooting and resolved resource bottlenecks and fine-tuned the slow running queries.
- Implemented High Availability solutions like failover clustering, Database mirroring and log shipping.
- Efficiently managed very large and complex sharepoint environments.
- Actively involved in logical and physical database design and capacity planning.
- Devised backup strategies using Full, Differential and Transaction log backups and also implemented Legato Networker, Light speed and SQL Safe backups.
- Extensively created and scheduled SSIS packages using SSIS 2005 and 2008 for performing ETL operations, remote FTP and also SQL Server administration tasks.
- Automated SQL Server administration by configuring maintenance plans for rebuilding and reorganizing indexes, checking database integrity, updating statistics, database backups and by creating and scheduling Agent jobs.
- Created reports using SSRS and administered SQL Server Reporting Server.
- Created and deployed SSAS cubes using SQL Server Analysis Services.
- Mentored Junior DBAs and transferred knowledge to the end users.
- Involved in projects utilizing Agile software development methodology.
- Involved in (24 x 7) L4 production support for high priority escalations.

Environment: SQL Server 2000/2005/2008, Windows Server 2000/2003/2008, Team Foundation Server, Sybase, VMware ESX Server 3.5, DTS, SSIS, SSRS, SSAS, Performance monitor, Profiler, DMVs, DTA, Powershell, Lightspeed, SQLSafe, XPATH, OPENXML , SQL Diagnostic Manager, Legato Networker, RAID, RMAN, OEM, Export/Import, Crystal Reports 11, Data Pump, SQL Loader, DB Verify, Log Miner, DataGaurd Cluster Administrator, DTS Xchange, DTS Profiler, Package Migration Wizard, MS BIDS, SharePoint, Oracle SQL Developer, Toad for Oracle, DB2, MySQL, MOM, SCOM, SQLDiag, PSSDiag, SQLNexus, PAL, OSQL, SQLCMD, MS Visio, ERWIN, SQL Diagnostic Manager.

**R.J. Reynolds, Winston-Salem,
N.C. Jan'08 –
March'09**

Sr SQL Server DBA

Description: R.J. Reynolds Tobacco Company (R.J. Reynolds) is the second-largest tobacco company in the United States. R.J. Reynolds has approximately 28 percent of U.S. cigarette sales. The company offers products in all segments of the market and makes many of the nation's best-selling cigarette brands, including: Camel, Pall Mall, Kool, Winston, Salem and Doral.

Responsibilities:

- Installed and maintained MS SQL Server 2005 on Windows 2003 and 2008 Servers in the production environment and updated it with the latest service packs.
- Upgraded SQL Server 2000 to 2005 and resolved the issues.
- Involved in setting up a clustered environment on windows 2003.
- Worked on 2 Node Active – Passive and 4 Node Active-Active cluster environments.
- Designed, implemented, and administrated databases in SQL Server 2005.
- Automated and enhanced daily administrative tasks, including space management, Full, Differential, Transactional-log and File-group backups & Standard, Point-in-time and Piecemeal restores and performance monitoring.
- Created alerts and notifications for system errors, insufficient resources, and fatal database errors.
- Involved in creation of tables, views, indexes, triggers, Stored Procedures Functions, Constraints, Rules and Defaults.
- Generated Database snapshots for data archives and for creating reports.
- Exporting and Importing of databases using Oracle Export/Import.
- Scheduled and monitored all maintenance activities including database consistency check, index de-fragmentation.
- Extensively used Snapshot and Transactional Replications to update databases in different physical locations and resolved several issues between the servers in Replication.
- Performed database mirroring with Principal, Mirror and Witness servers.
- Worked on creating SQL traces using SQL Profiler and also efficiently used the Performance Monitor utility to capture the hardware bottlenecks.
- Created and deployed packages using SSIS and automated the packages using SQL Server Agent.
- Implemented Linked Server between the servers for cross database transactions.
- Configured IIS server to work with SQL Servers.
- Installed and maintained SQL Server Reporting Services (SSRS) 2005. Created reports and performed all Administrative activities.
- Create, modify, maintain and trouble shoot scheduled jobs.
- Involved in stored procedures optimization, performance tuning and index tuning.
- Migrated DTS packages to SQL Server2005.
- Extensively created, automated and managed SSIS packages.

- Implemented security by creating users logins with appropriate roles, dropping and locking the logins, monitoring the user accounts, creation of Groups, Granting the Privileges to Users and Groups.
- Run DBCC consistency checks, rebuild indexes, and update statistics for databases on regular basis.
- Data transfers between various servers using BCP and DTS/SSIS.
- Configured different RAID Levels.
- Involved in database design (both Logical Data Modeling and Physical Data Modeling) of the system using ERWIN and Generating scripts using ERWIN.
- Involved in analyzing, testing and implementing physical database designs according to the business requirements.
- Implemented data models, database designs, data access and table maintenance codes.
- Involved in creating Cubes and Data Mining using SQL Server Analysis Services.
- Implementing Log shipping on local/remote warm standby servers.
- Involved in troubleshooting and diagnosing database problems.
- Played a key-role in solving Critical SQL Server bugs and Issues.
- Involved in 24 x 7 production support.

Environment: SQL Server 2005/2000, Windows Server 2003/2008, MS Visual Studio, MS BIDS, Team Foundation Server, Enterprise Manager, SSMS, SSIS, DTS, SSRS, SSAS, IIS, Query Analyzer, BCP, SQLCMD, .NET, MS Visio, ERWIN, SQL Compare, SQL Data Compare LiteSpeed, Spotlight, XPATH, OPENXML, Crystal Reports 11, TOAD for SQL, RMAN, OEM, Export/Import, Data Pump, SQL Loader, DB Verify, Log Miner, ASMCMD, ASP.NET, C#.NET, DataGaurd, Oracle SQL Developer, Toad for Oracle, SQL Deadlock Detector, SQL ultimate Performance Monitor, SQL HeartBeat, [SQLinForm](#), MDX.

Micron Technology, Inc.,
Boise, ID
Oct'06 – Dec '07
Sr SQL Server DBA

Description: Micron is one of the world's leading providers of advanced semiconductor solutions. Micron's DRAM and Flash components are used in today's most advanced computing, networking, and communications products, including computers, workstations, servers, cell phones, wireless devices, digital cameras, and gaming systems.

Responsibilities:

- Providing 24X7 Support to Production, Development and Staging servers.
- Installation, Configuration and maintenance of SQL Server 2005 on Windows 2000/2003 boxes.
- Extensively used MS-DTS in SQL server 2000 to transfer data into SQL server from heterogeneous sources.
- Involved in logical and physical designing of the database, created database objects, users, roles and managing database space.
- Installed configured and administered Oracle databases.
- Analyzed existing database and redesigned databases for better performance.
- Provided top-notch Business Intelligence and Data Warehousing solutions.
- Designed Cubes according to the given measurements and dimensions by using SQL Server 2005 Analysis services.
- Redesigned OLAP Cubes according to the customer requirements.
- Involved in the creation of views for the given measurements to develop OLAP cubes by using SQL Server 2005.
- Work with development team in implementing business logic using Triggers, Views, Stored procedures, and User Defined Functions for web applications.
- Created a scheduling process, which would extract and import data from text files using DTS packages and BCP utility.
- Implemented various data transfers into Excel Sheets for reporting using DTS packages for Sales and Marketing division.
- Scheduled regular Full, Differential, Transactional log backups as per business requirement.
- Implemented point in time restore procedures to restore production databases.
- Closely worked with business analyst for capacity planning, storage and data archiving that would help in load balancing of the present OLTP database running on SQL server 2000.
- Mentoring programmer's team in development of stored procedures and triggers using T-SQL.
- Tuning MSSQL Server along with Operating System to obtain optimal performance.
- Involved in tuning SQL statements by using Profiler tool strategies and indexing strategies. (Giving necessary index hints, reducing joins)
- Provided secondary System Administration duties on Windows 2000 and 2003 servers like disk space administration and performance monitoring.
- Estimating storage capacity and monitoring the growth of database objects for capacity planning.
- Configured and maintained transactional, snapshot and merge replications.
- Creating maintenance plans for database optimization and integrity checks and maintain those tasks.
- Moving databases between production, test and development servers.
- Extensive usage of DBCC to check physical and logical consistency of the database.
- Allocated resources, adding users and granting permissions. Closely worked with front-end programmers, Developers to solve problems regarding databases and database objects.

- Analyzed, reconfigured, and redesigned existing SQL servers/databases, which provided better performance and minimized bottlenecks.
- Assisted/advised development team in tuning exiting stored procedures and scripts.
- Extensively created, automated and managed SSIS packages and migrated DTS 2000 packages.
- Created and updated reports using SSRS and Crystal Reports.
- Fixed existing flaws and Data Synchronization issues in the Replication process from publishers to regional subscribers.
- Automated/redesigned SQL processes, packages and jobs that minimized the process completion time by 70%.
- Played a significant role in increasing company’s revenue generated by its Online Advertising Network and provided better reporting for sales and business development personals to make better business decisions.

Environment:

MS SQL Server 2005/ 2000, Windows 2000/2003, Visual SourceSafe 6.0, VB-Script, MS Visual Studio, Oracle, XPATH, OPENXML , MySQL, MS BIDS, Enterprise Manager, SSMS, SSIS, DTS, SSRS, SSAS, IIS, ASP.NET, C#.NET, Query Analyzer,SQLCMD,.NET, MS Visio, BCP, LiteSpeed, Crystal Reports, MDX, Excel.

<p>GE Healthcare, Salt Lake City, UT '06</p> <p>Sr SQL Server DBA</p>		
---	--	--

Description: GE Healthcare provides transformational medical technologies and services for excellent patient care. GE Healthcare's broad range of products and services enable healthcare providers to better diagnose and treat cancer, heart disease, neurological diseases and other critical conditions.

Responsibilities:

- Responsible for MS SQL Server 2005/2000, configuration, tuning and provide 24 X 7 dedicated support to all Production, development and clustered servers.
- Up-gradation of SQL databases from SQL Server 2000 to SQL Server 2005.
- Creating and managing schema objects such as Tables, Views, Indexes and referential integrity depending on user requirements and converting them into technical specifications.
- Performed all aspects of database administration, including data modeling, backups and recovery.

- Configured Transactional replication between Primary Server and Read-Only server, with separate Distributor server and troubleshooted replication problems.
- Additionally, designed and implemented a disaster recovery system.
- Involved in Data modeling, designing and building relational databases.
- Extensively involved in the creation of OLAP cubes
- Created OLAP Cubes using Star, Snow Flake, Parent-Child and Data mining schemas.
- Involved in the creation of OLAP Databases.
- Configured the Log shipping and created the Standby server.
- Running Index tuning wizard and rebuilding indexes for faster query response.
- Created Stored Procedures, triggers, cursors, tables, view's and joins according to the business rules for using in the applications.
- Solved latching issues by creating Read – Only Server using replication when we had 3000 user connections.
- Extensively created, automated and managed SSIS packages and migrated DTS 2000 packages.
- Created ad-hoc reports as needed.
- Maintained Operators, Categories, Alerts, Notifications, Jobs, Job Steps and Schedules.
- Monitored the connections, locks and performance of SQL server.
- Assigned permission to users, roles, and objects. Provided column level permissions and implemented high security for SQL Logins (Windows and SQL Accounts).
- Prepared Estimates for Database, table size growth and performed Capacity Planning.
- Created documentation to install SQL Server, apply service pack, hot fix and clustering installation.
- Solved the Security Issues such as creation and granting permissions on various Objects.

Environment:

MS SQL-Server 2005/2000, DTS, SQL Diagrams, Erwin, Windows 2003 Server, MS Access, SSAS, SSRS, SSIS, BCP, Crystal Reports 10, Diagnostic Manager, Litespeed ,Excel, Visio, MDX.

Washington Mutual, Seattle, WA
May'05 – Jan '06
SQL Server DBA

Description: Washington Mutual conducts business through primary business lines, Retail Banking & Financial Services, Home Loans, Commercial Banking and Card Services. It provides products and services to small

business and assists them with payroll, cash management, and retirement planning. The project involves monitoring and maintaining databases for optimum performance.

Responsibilities:

- Installation and configuration of SQL Server 2000 on windows 2003 and maintaining SQL Servers in Production, QA, Test and Development Environments.
- Monitored and tuned databases to meet the performance and availability requirements of on-line systems and multiple applications.
- Implemented Automated Backup and Database Maintenance / Cleanup jobs.
- Scheduled and monitored all maintenance activities of SQL Server 2000 including database consistency check, and index defragmentation by DBDEFRAG and DBREINDEX.
- Monitored database status including CPU, memory, I/O, space, and dead lock using SQL Server Utilities
- Created Jobs to Automate & Scheduled many tasks.
- Created alerts, notifications, and emails for system errors, insufficient resources, fatal database errors, hardware errors, and security breach.
- Used SQL Profiler for troubleshooting, monitoring, optimization of SQL Server and non production database code as well as T-SQL code from developers.
- Worked on all phases of database management with application development team and other vendors to maintain maximum availability.
- Provided 24x7 Production Support.

Environment: SQL Server 2000, Windows 2000/NT, Excel, Access, SQL Profiler, Replication, Enterprise Manager, Crystal Reports 9, ASP.NET, C#.NET, LiteSpeed Backup software, DTS, T-SQL, BCP, ERWIN.

Education

Bachelor of Science: Computer Science Engineering

Name Randy C Douglas

Candidate Summary

- Project leader role for the past four years.
- 15+ years of experience as a Full Stack Developer with a concentration in the following areas:
 - Specializing in Web Development, Windows Services, WCF Applications, & Web Services
 - VB/C#/ASP.NET Web Forms/MVC/Entity Framework
 - SSRS/SSIS (All Versions)
 - MS SQL Server (All Versions)/Relational Databases
 - JavaScript/jQuery/AJAX Server Calls
 - HTML5/CSS/Bootstrap 4
 - DevOps Training
- Excellent leadership, communication, and interpersonal skills.

Technical Skills

- **Programming:** C#.NET, VB.NET, ASP.NET (MVC 5.0/5.2), AJAX, SQL, jQuery, SSIS/SSRS
*More recently introduced to the Angular frameworks
- **Database Applications:** Access, SQL Server/Stored Procedures
- **Reporting:** SSRS/SSIS, Active Reports by Data Dynamics
- Full Development Life Cycle and experience with Crystal Reports ver. 8 to 11.5, SSRS, SSIS, Active Reports for .NET (Data Dynamics), Entity Framework, Team Foundation Server/GIT, IIS, Photoshop, Telerik Developer Productivity Tools (Rad Controls), Aspose Cells.Net, About Web Control Suite.
- Ranked in top two among graduating class for programming ability.
- Over the last 15 years, created thousands of stored procedures for various applications and reports that were attached to languages such as C#.NET, VB.NET, ASP.NET, VB 6, Classic ASP, JavaScript, VBScript and HTML.

Work Experience

IBM, Baton Rouge, LA

Senior Software Engineer/Cloud Migration Specialist

March 2020 – Present

- Part of a Middleware .NET remediation overseas team that migrated .NET applications from legacy servers (OS nearing end of service) to new servers (IBM Gen F Cloud/Microsoft Server 2016)

<ul style="list-style-type: none"> • Met daily with our local, overseas, and clients to oversee all aspects of our cloud migration strategy • Top tier support for IIS and Windows configurations for target servers 		
Conrad Industries, Morgan City, LA	Senior Software Engineer	March 2019 – February 2020
<ul style="list-style-type: none"> • Developed within and maintained a companywide portal that managed functions such as corporate IT requests, Engineering (Deliverables/Tasks), Personnel (Needs, Testing, Placement, Orientation, Evaluations), HSE (Safety incidents/Near Misses/Asset Damage/Action Item Lifecycle), Operations (Planning and forecasting), Sales (New Construction/Repair Bids/Bid Tasks/Interactions, Quotes), vacation (Scheduling/Balance Log), Report Scheduling/Security, and Emissions & Permit Tracking • Used the following technologies: C#.NET/MVC 5.0/5.2 frameworks, Entity Framework, SQL Server 2012, SSRS, SSIS, Bootstrap 4, JavaScript/jQuery, Telerik Kendo MVC Controls, JQ Widgets (third party jQuery controls) 		
JW Toups, Inc., Thibodaux, LA	Lead Developer/Software Architect/Software Engineer/Database Architect/Customer Support/Customer Relations	August 2011 - November 2018
<ul style="list-style-type: none"> • Challenged by an owner and Database Administrator that didn't agree with change while I being convinced that my ideas would reduce support, retain current customers, and wow prospect customers; during nights and weekends I built several applications that as a concept did not appeal to the administration, but once built, they were adopted and deemed as a had to have for all customers. Today, the administration is open to all my ideas and is currently looking to employ additional developers in order for me to pursue my ideas. • Re-engineered many of the processes, database architecture, and replaced many of the current technologies with those built by myself. With my ideas we were able to offer many more products and possibilities to our clients. • Interact with top safety and managerial personnel from most of the major oil companies all over the globe to collect requirements and deliver custom safety data collection strategy and presentation using eTracker (www.etracker5.com). • Instructed an overseas team daily on project requirements, price quote negotiations, installation sessions, and delivery & deployment strategies. • Work together with ABBYY programmers to deliver custom solutions for version FC10 that require SQL, VBScript, and C#. • Developed applications, windows services, and web services with .NET 4.0 & 4.5 (C# & ASP.NET), JavaScript, VBScript, Aspose Cells.NET, Obout Web Control Suite, Telerik Rad Controls, HTML & CSS utilizing SQL Server 2008-2012 as database backend with Stored Procedures. • Main resource for solving issues in all parts or our process workflow. • Utilized Full Development Life Cycle. 		

MSF Global Solutions, New Orleans, LA	IT Consultant/Web Developer	August 2009 – July 2011
<ul style="list-style-type: none"> • Through a contract with the City of New Orleans, I supported many departments within City Hall. City's primary contact for all web development projects and updates including EGov Online Services and CNORS (City of New Orleans Revenue System). Received full training on CNORS and Department of Revenue ad-hoc reporting. • Played major role in the integration of the City's website into SiteCore CMS. • Played a major role in the development and integration of the New Orleans Regional Transit Authority's new web site into the Fiona Content Management System. • Duties included web development (user interface and functional), web application maintenance, support of applications built by the previous vendor, and consulting services. • Managed several projects whereas up to five web developers were working under my instruction. • Single handedly met with, gathered requirements, developed and/or managed development, tested, delivered, and supported several projects for different departments throughout City Hall. • Developed heavily with .NET 3.5 & 2.0 (C#.NET & ASP.NET), AJAX, HTML, JavaScript, Telerik RadControls while utilizing SQL Server 2005/2008 as database backend with Stored Procedures. • Utilized Full Development Life Cycle, UI Design, Enterprise Manager, Team Foundation Suite, Windows Server 2003, 2008, and IIS. • Managed and/or implemented 95% of all web site updates for the City of New Orleans web site. 		
Technology Professionals, LLC, Houma, LA	Customer Support & Software/Web Developer	September 2008 - July 2009
<ul style="list-style-type: none"> • Interacted with customers and users to develop applications and web sites that met their specifications. • Developed applications with .NET 3.5 & 2.0 (VB.NET & ASP.NET), Classic ASP, HTML, JavaScript, VBScript and Crystal Reports.NET utilizing SQL Server 2005 as database backend with Stored Procedures. • Utilized Full Development Life Cycle, UI Design (Flash, Dreamweaver, & Photoshop CS4), Enterprise Manager, Microsoft Source Safe, Crystal Reports, Query Analyzer, Windows Server 2003 and IIS. • Supported and configured (by phone, email and in person) with email, FTP, document and permissions issues on a daily basis. 		
Pan American Life Insurance Co., New Orleans, LA	Software/Web Developer	January 2008 - September 2008
<ul style="list-style-type: none"> • Interacted with administration, users, and written documentation to develop applications that met specifications for a worldwide company and was also involved with software solutions for one of the world's largest and most profitable insurance companies. • Developed applications with .NET 2.0 (VB.NET, C#.NET, & ASP.NET), VB6, Classic ASP, HTML, JavaScript, VBScript and Crystal Reports ver. 11.5 utilizing SQL Server 2000/2005 as database backend with Stored Procedures. 		

<ul style="list-style-type: none"> Utilized Full Development Life Cycle, UI Design, Enterprise Manager, Microsoft Source Safe, Crystal Reports, Query Analyzer, Windows Server 2003, Citrix and IIS. 		
Advanced Logistics, LLC, Lafayette, LA	Software/Web Developer	September 2007 - December 2007
<ul style="list-style-type: none"> Interacted with administration from home to develop applications that met specifications in a small to medium company evolved in software solutions for medium to large water vessel companies. Developed applications with .NET 2.0 (VB.NET, C#.NET, & ASP.NET) utilizing SQL Server 2000/2005 database backend with Stored Procedures. Utilized Enterprise Manager, Microsoft Source Safe, Crystal Reports, Query Analyzer, Windows Server 2003, IIS and the full development life cycle. 		
Orthodontic Centers of America, Inc. (OCA), Metairie, LA	Software Developer	August 2006 - September 2007
<ul style="list-style-type: none"> Collaborated in a team environment to develop applications that met doctor and user specifications in a worldwide company that provided business solutions for orthodontic and dental offices. Teamed up with doctors' offices to adjust, troubleshoot, and improve web application workflow. Developed applications with .NET 2.0 (VB.NET, C#.NET, & ASP.NET) and VB6 utilizing SQL Server 2000/2005 database backend with Stored Procedures and the CSLA Framework. Utilized Full Development Life Cycle, Enterprise Manager, Microsoft Source Safe, Crystal Reports, Query Analyzer, Windows Server 2003, Citrix, Utilized UI Design, IIS, Flash, Dreamweaver and Photoshop CS3. 		
CGB Enterprises, Inc., Covington, LA	Programmer/Analyst	December 2005 - August 2006
<ul style="list-style-type: none"> Interacted with users by phone, email, and in person to develop applications that met their specifications for a nationwide company evolved in Grain Transportation, Insurance and ethanol production. Developed applications with C#.Net (ver. 1.1) and ASP.Net (ver. 1.1) with SQL Server 2000 database backend with stored procedures. Maintained several applications utilizing VB 6.0. Utilized full development life cycle, Enterprise Manager, Microsoft Source Safe, Active Reports, Crystal Reports, Query Analyzer, Windows Server 2003, Citrix, and IIS. 		



Name Richard J. Varno

Candidate Summary

I am a contract programmer / solutions architect with 20+ years of experience solving real-world, complex, hard to tackle problems with innovation, communication and common sense. I have excellent architecture, communication, C#, VB, SQL Server/MySQL, PHP, JavaScript, GoLang and problem-solving skills. I am currently available and would love to help you meet your development goals. Some of my strengths include gathering requirements from non-technical people, navigating the stakeholder / signoff process, pitching ideas as well as tuning queries and writing highly performing code. I am all about solving problems and am open to everything from short term assessments to multi-year contracts. I have extensive experience solving problems in healthcare, banking, manufacturing and retail.

Skills

Microsoft SQL Server 4.2 / 6.0 / 7.0 / 2000 / 2005 / 2008 / 2008R2 / 2012 / 2014 / 2016 / Azure (20+ years)
SSIS / SSRS / ETL 7.0 / 2000 / 2005 / 2008 / 2008R2 / 2012 / 2014 / 2016 (15+ years)
MySQL 4.0 thru Current Development / Setup / Optimization / Administration (15+ years)
MS Access 1.1 / 2.0 / 95 / 97 / 2000 / XP / 2007 / 2010 / 2013 / 2015 (20+ years)
Oracle 8 / 9 / 10 (5 years)
Database Architecture and Administration (20+ years)
Solutions Architecture / Consulting (20+ years)
ETL / Data Mining / Data Integration SSIS (20+ years)
Service Oriented Architecture (SOA) (18+ years)
API Integrations (15+ years)
Enterprise Service Bus (ESB) (5+ years)
Natural Language Processing (4 years)
Microservices (5 years)
Business Analysis and Technical Requirements Writing (10+ years)
Project Management and Development Team Leadership (15+ years)
VB / Studio 1.0 / 3.0 / 4.0 / 5.0 / 6.0 / 2003 / 2005 / 2008 / 2010 / 2012 / 2013 / 2015 / 2017 (20+ years)
C# VS 2003 / VS 2005 / VS2008 / VS2010 / VS 2012 / VS 2013 / VS 2015 / VS 2017 (15+ years)
PHP Development (15+ years)
Cloud Technologies (Azure / AWS / Google Cloud Platform / Rackspace Cloud) (20+ years)
Cloud Architecture / Systems Design (20+ years)
Jquery / Vue.js / Mustache / JavaScript Prototype / VBScript (8 years)
Crystal Reports 1.0 / 3.0 / 6.0 / 7.0 / 8.0 (11 years)
Wordpress / Joomla / CMS Plugins (8 years)
Go (golang) language (3 years)
Java / J2EE (5 years)
Node.js (5 years)
MongoDB (3 years)

Progress RDBS (3 years)
 Scripting Languages / Bash / Powershell / Python / Perl (10+ years)

General Duties: Systems Analysis and Design, Database Design/Architecture and Development, Cloud Architecture and Development, Application/Solution Architecture and Development, Project Management, Business Analysis, Customer Development, Vendor Acquisition and Negotiation, Business Model Planning and Mentoring / Training Junior Developers.

Work Experience		
Media / Telephony Cox Communications / Remote	Solutions Architect / Engineer – Network Services	2022-2023
Maintenance, design and new development of a large scale, mission critical network device status and management application. Data Modeling, Query tuning and API / micro-services design and development. As well as supporting legacy Java applications. Solutions created with GoLang / NodeJS / MongoDB / VueJS / Python / Kubernetes / Java / Oracle		
Maximus (Ohio Medicaid) / Remote	Architect / Engineer – Healthcare Physician Certification ETL	2020-2022
Maintenance and redesign of a large scale, mission critical physician certification process. Modifications including: large scale document conversion over Tibco MQ, optimizing legacy code, requirements gathering, vendor interface and building web services to support new functionality. Large scale healthcare data migration from disparate sources to new system. CICD deployment using Jenkins. Solutions created with C# / ASP.NET / JavaScript / SSIS / SQL Server 2014 / Net Core / CICD / Jenkins		
CTO – Song Angel	Lead Architect / Lead Engineer	2020-
Chief Technical Officer, database and cloud architecture design, systems design and coding of a media rich music promotion and sharing platform. Solutions created with Golang / Google CloudSQL / Cloud Storage / Containers / Javascript / Mustache.js / JQuery / Google Cloud / Mailgun		
Healthcare Revenue Cycle ETL CereCore (HCA)	Architect / Engineer	2019-2020
Maintenance and redesign of a large scale, mission critical revenue cycle ETL process. Modifications including: supporting regional splits, new hospital group acquisitions, optimizing legacy code, migration of data from multiple sources, requirements gathering and critical on call nightly support. Solutions created with C# / ASP.NET / JavaScript / SSIS / SQL Server 2008 / SQL Server 2014 / Java		
CTO – SeeSnap Inc	Lead Architect / Lead Engineer	2018-2020

Chief Technical Officer, database and cloud architecture design, systems design and coding of a high traffic, intelligent, microservice based mobile workflow platform PWA / SPA. Solutions created with Golang / Google CloudSQL / Google BigTable / Google Vision / Cloud Storage / Containers / Python / Google Cloud

**Lead Architect / Lead Engineer / Legacy Overhaul 2018-2022
Newcourse Communications**

Maintenance of legacy code, new product development, migration of legacy processes and internal websites over to new vendor platform. Migration of existing TFS platform to Azure Devops + ongoing support. Solutions created with C# / ASP.NET / VB.NET / VB6 / JavaScript / SQL Server 2014 / Azure

**Consulting Developer / Architect 2017
International Songwriting Competition**

International Songwriting Competition Maintenance of legacy code, new product development, migration of legacy processes and internal websites over to new WooCommerce / Wordpress platform utilizing AWS platform functionality. Including custom plugin development. Solutions created with PHP / MySQL / Wordpress / AWS

**Lead Architect / Lead Engineer - CompliancePT 2014-2018
Compliance Process Technologies (startup)**

Chief Technical Officer, database and cloud architecture design, systems design and coding of a compliance related healthcare solution related to document maintenance and change control. Solutions created with C# / ASP.NET / JavaScript / SQL Server 2014 / Azure Cloud

**Solutions Architect / Platform Development 2014-2015
Syntel (HCA)**

Solutions Architect / Development Process Engineering to modernize a large scale legacy healthcare supply chain application to be marketed to new lines of business. Interface mapping / vendor negotiation / process re-engineering. Database Architecture / Data Lakes and Data Visualization. Solutions created with Java / Oracle / C# / Micro Focus COBOL / SQL Server / SOA / Java

**Mobile Application and Web Services Platform 2013-2014
(Company Confidential)**

Database and cloud architecture design, test case coding and load testing of a scalable, high availability, mobile web based BLE / microservices platform and mobile device development SDK. Golang / node.js / PHP / MySQL / MongoDB / MariaDB / MemSQL / Android Studio / JOYENT Cloud

**Symmetry Surgical 2011-2013
SSI**

Development of AspDotNet storefront based e-commerce site. Assisted in converting accounting system from Microsoft Dynamics / Great Plains to Epicor. Cloud architecture and development of large scale data warehouse / ETL / SSIS / SSRS Reporting. Solutions created with ASP.net / C# / SQL Server 2008 / Epicor / Progress / Connectria Secure Cloud

**Specialty Surgical Instrumentation 2010-2011
SSI**

Maintenance and new development of AspDotNet storefront based e-commerce site. Setup source code management and developed a product cross reference search engine / maintenance system. Solutions created with ASP.net / VB.net / C# / SQL Server 2005

TeCOUP 2009-2010

TeCOUP

Design, cloud architecture, coding and setup of a text message based coupon search and delivery system including back end web based partner setup and maintenance. Solutions created with PHP / MySQL / AJAX / JQuery / Linux / Apache / Rackspace Cloud

Bluegrass Cellular 2009-2010

Paramore Redd Online Marketing

Coded EDI Interchange (XML and web services) to integrate with payment, service setup and product fulfillment partners for the on-line ordering section of Bluegrass Cellular website. Also created encryption algorithms to transfer data between C# and PHP in a secure fashion. Solutions created with PHP / MySQL / AJAX / C#

Discovery Channel / ThinkLink Assessments 2008-2009

Discovery Education Assessments

Maintenance and enhancement of existing web based assessment system and corresponding PDFLib reports. Data model schema mapping, MySQL procedure tuning and user interface re-engineering. Solutions created with PHP / MySQL / AJAX / PDFLib / Linux / Apache / C#

MusiChristian.com / BooksChristian.com 2007-2008

MusiChristian

Acting Director of Information Technology / CIO. Re-engineered, improved and maintained current retail e-commerce system. Designed and developed content management style store system and site search engine. Architected plans for future development. Negotiated with vendors, oversaw and assisted with transfer of site to a managed cloud hosting provider, and authored documentation for merger compliance. Solutions created with PHP / MySQL / Linux / Apache / Connectria Cloud

Willowbrook Health Systems 2007-2013

Willowbrook Health Systems

Maintained and enhanced various Visual Basic 6 / SQL / Oracle applications in support of the Home Health, Hospice and MRDD Programs. Created new company website in PHP/Joomla including and interactive online referral system. Solutions created with VB6 / PHP / MySQL / Oracle / SQL Server

Steath Logistics Support 2007

Lifeway Christian Resources

Maintained and enhanced various Visual Basic and ASP applications in support of the Logistics / Shipping department. Solutions created with VB6 / ASP.NET / Oracle / Sybase ASE / Unix Scripting

SSR Surveyor (JCAHO BMP Compliance) / Shop Mismatch 2007-2007
Smith Seckman Reid Inc

Created a building maintenance program extension to Autocad 2007 to manage JCAHO Life/Safety inventory and compliance. (50+ Users) Created shop mismatch / correction system to reconcile hours logged vs. billed from multiple sources including Kronos, Timewand and DBASE IV data. (20+ Users) Solution created with C# / ASP.NET / VB.NET / JScript / SQL 2000 / SQL 2005 / Object ARX / DBX

Gideons International Online Community 2005-2006
Gideons International

Created ranked site search and bookmark functionality for existing online community (700 plus pages). Assisted in re-engineering current online order entry fulfillment process. Added support for multiple languages, date formats and nationalities. Created data models for existing DMG4 and OLC databases. Designed and implemented a 400+ table Data Warehouse for companywide reporting. 1500+ Users. Solution created with VB.NET / ASP / JScript / SQL 2000 / XML / XSL

Survey Tire Evaluation Program 2004-2005
Bridgestone Firestone North American Tire

Led a team of developers to integrate web and windows based .NET applications to manage the process of requesting field tests on consumer and commercial tires, and also approving, assigning and collecting complex test results for requests. Authored system design documentation. Multilingual / Multinational / Multi Unit of Measure. 30+ Users. Solution created with VB.NET / ASP.NET / SQL 2000

Small Business Packaging Services 2003
Progeny Marketing Systems

Web based client services front end integrated to Artemis database on AS400 running DB2 via Hit OLEDB. Administration and customer service functionality for small business benefit packages. 100+ Users. Solution created with VB6 / ASP / VB.NET / ASP.NET / SQL 2000

Shippers Information System 2002-2003
Shippers Transport Company

Rewrite of internet based load tracking system originally written for AS400. DTS hourly interface with shipment and satellite positioning data from AS400. New development of web based load tendering integrated with existing EDI interface, inspection lane management, and available tractor dispatch web interface. Authored technical specification documents to support above applications. 100+ Users. Solution created with VB.NET / ASP.NET / SQL 2000

Prior Year Contractual / Agency Receivables Reporting (RAMS) 2000-2002
HCA Healthcare (Internet Technologies Group)

Led a team of developers to create an intranet / IIS based system to enable detailed recording, reporting and modeling of prior year contractual data and agency receivable data. Interfaced with GL data on DB2 / Teradata for variance reporting. 100+ Users. VB 6.0 / SQL 7.0 / ASP / COM / Active Reports

Trane E-Business (Comfortsite) 2000-2001
Trane – American Standard (E Business Team)

Served as technical resource and programmer for add on functionality and site enhancements. Web based system (built by third party) to serve the needs of Trane's dealer and contractor network. 1000+ Users. Solution created with VB 6.0 / SQL 7.0 / ASP / COM

National Dealer Inventory System (Capital Markets Desktop) 1998 -2000
First American National Bank – AmSouth (Investment Services Group)

Web based / Intranet based system to obtain, catalogue, price, search and analyze fixed income securities inventory. 1000+ Users. Solution created with VB 6.0 Web Classes / SQL 6.5 / SQL 7.0 / ASP / COM

Housing Authority Tenant Management System (HATS) 1998-2000
Lewisburg Housing Authority

Data entry, accounting, inventory, reporting and administration modules to manage the day to day operations and HUD reporting requirements of the Housing Authority. Solution created with VB 6.0 / SQL 7.0 / Crystal Reports 7.0

Substance Abuse Client Services Management System 1998-1999
Meharry Medical College

Data entry, reporting, and file export modules to gather, analyze and electronically report client and services rendered information to State of Tennessee for billing purposes. (Sold to State of TN for distribution to other agencies.) 100+? Users. Solution created with Access 97

Human Resources Management System 1996-1998
Pirelli Armstrong Tire Corp.

System to manage nationwide management of employee data, insurance eligibility, training, etc... with HTML Help documentation. 20+ Users. Solution created with VB 4.0 / Jet 2.5 / Crystal Reports 6.0

Defect Management Reporting System 1996-1997
Pirelli Armstrong Tire Corp.

System to import, correlate and produce custom reports for tire defects. 8 users. Solution created with VB 4.0 / Jet 2.5 importing from COBOL on a DG mainframe.

Downtime Management Reporting System 1996
Pirelli Armstrong Tire Corp.

System to import, correlate and produce custom reports and charts for machine and employee downtime in an incentive based production shop. 3 users. Solution created with VB 3.0 / Jet 2.5 / Crystal 6.0 importing from COBOL / DG.

Engineer / Architect 1995-1996
State Industries

Architected and coded several systems to manage fabricated parts inventory levels and specification information as well as track production stages / scheduling for water heaters, track location on loads / trailers with separate modules for dispatching / gatehouse / backhaul scheduling / receiving with on-line help, manage float and wire transfer data / account balances for multiple accounts, to manage freight bills and backhaul invoices and to calculate pension plan options for employees. Solutions created with VB 3.0/ 4.0 / SQL Server 6.0 . MSAccess

Cafeteria Maintenance System 1994-1995
Wyatt's Cafeteria's Corp Headquarters

System to manage maintenance issues for 60+ cafeterias in the southwestern US. Authored technical specification for the company's conversion from White Swan distribution to McClain Distribution. Solution created with Access 1.1 / 2.0

Education

Ongoing, real world experience solving problems and making it happen (20+ years) Columbia College - (1.5 years) - Chicago, IL / Computer Science / Sound Engineering Ill Wesleyan University - (1 year) - Bloomington, IL / Computer Science / General Academics Active in local church / Songwriter / Worship Leader / Guitar / Horses / CMSA / AQHA / SASS