

Database Administrator Database Administrator Database Administrator - GMTI Alexandria, VA \*

Six plus years of experience in SQL Server database administration and development. \* Experience in installing, upgrading and configuring SQL server 2005, 2008R2, 2012, 2014 \* Experience in applying SQL and OS service packs, patches. \* Configure and Maintain high availability solutions with Window Failover Cluster, Log Shipping, Database Mirroring and AlwaysOn Availability Groups.

\* Expert in Peer to Peer, Merge and Transactional Replication. \* Expert in planning and implementing database backup for disaster recovery strategies. \* Strong skills in database performance tuning and monitoring using tools like Perfmon, Activity Monitor, Catalog Views, Dynamic Management Views(DMV), DBCC commands, Trace Flags to identify CPU, IO and Memory bottlenecks, deadlocks, blocks, locks, low disk space or other performance issues. \* Worked extensively on query optimization using SQL Profiler, Server Side Trace, and DTA utility, analyzing Execution Plan, creating proper indexes and managing index fragmentation, also creating partitioned table / indexes and Statistics. \* Developed Maintenance Plans to reorganize or rebuild indexes, backup, check database integrity, cleanup task. \* Expert in SQL server security management with Encryption, TDE, Audit, Proxy, Schema, Views, creating Roles and assigning server, database, column level permissions to users. \* Comprehensive knowledge about new features like Contained databases, File Tables, Memory Optimize tables, Native Compiled Store Procedures. \* Extensive experience in ETL process with SSIS Packages, BCP and Bulk Insert to Import and Export data between SQL Server and Oracle/Excel/CSV files etc. \* Proven skills in writing T-SQL, stored procedures, DML/ DDL triggers, functions and distributed queries using linked servers. \* Experience in creating and managing SQL Agent Jobs, Alerts, Operators and Database Mail. \* Strong familiarity with Power Shell to automate routine administrative task. \* Experience with SQL server Reporting Service (SSRS) \* Experience in Relational Data Modeling, ER Modeling, Database Normalization. \* Ability to work collaboratively with Business Analysts, Developers and other team members in a fast paced environment and ability to effectively handle multiple projects and meet deadlines. \* Excellent in technical documentation, communication, presentation, interpersonal and analytical skills. Work Experience Database Administrator GMTI - Chesapeake,

VA March 2014 to Present Responsibilities: \* Installed and Configured SQL Server 2008R2/2012/2014 on cluster and virtual environment. \* Updated SQL Server from 2008R2 to 2012/2014. \* Applied SQL and OS service packs and patches using Opsware automation tool. \* Refreshed Stage and Pre-Production databases from Production servers. \* Implemented memory optimized tables and natively compiled stored procedures in Stage. \* Performed nightly maintenance and Code Deployment on production servers. \* Monitored and analyzed performance and capacity load test for various Applications. \* Involved in capacity planning and monitoring data/log files size, growth and disk space. \* Monitored servers using third party tools Spotlight and EM7. \* Configured and maintained two-node Active/passive Windows Failover Cluster on windows server 2008R2 with SQL Server 2012 on SAN shared storage. \* Maintained and troubleshot transactional, peer-to-peer and merge replication. \* Configured and maintained Log Shipping, Mirroring as HA/DR solutions. \* Designed and implemented comprehensive Backup plan and disaster recovery strategies. \* Managed security and permission of various objects like Stored Procedures, Functions, Views \* Managed index usage, fragmentation and updated statistics in the databases. \* Worked on Query optimization and tuning using SQL Server Profiler, Database Tuning Advisor, Activity Monitor, analyzing execution plan and finding the root causes. \* Designed and Deployed SSIS Packages to Export and Import Data from various sources. \* Documented and scripted out multiple administration process. \* Generated reports of servers inventory, databases/tables size and growth using PowerShell and Reporting Services (SSRS). \* Provided 24/7 on call support for all the Production Servers issues on a rotational basis. Environment: MS SQL Server 2014/2012/2008R2/2005, Windows Failover Cluster, Replication, Windows Server 2003, 2008R2 and 2012, C#, JavaScript, Dell SpotLight for SQL Monitoring, EM7, Redgate SQL compare and Multi Script, PowerShell, MySQL, Oracle 10g. Database Specialist OPM - Herndon, VA February 2012 to March 2014 Responsibilities: \* Installed, Migrated, and Managed SQL Server 2008R2 and 2012. \* Migrated data, databases and other objects from legacy servers. \* Configured and maintained three nodes Windows Failover Cluster with SQL Server 2008 R2 \* Managed transactional and merge replication and troubleshot replication issues. \* Configured and

administered AlwaysOn Availability Group with three replicas. \* Performed Database Backup and Point-In-Time Recovery solutions using Dell LiteSpeed. \* Managed security and permission of SQL Server by Encryption, TDE, Audit and Roles. \* Managed index usage, fragmentation and updated statistics in databases. \* Reviewed and tuned SQL queries, stored procedures, views, triggers. \* Troubleshoot and fine-tuned database performance, concurrency and analyzing root causes. \* Worked on Query optimization and tuning using SQL Server Profiler, Database Tuning Advisor, Activity Monitor and analyzing execution plan. \* Checked Database Health by using DBCC Commands and DMVS. \* Enforced Policy Based Management at Database Level as well as Table Level. \* Implemented Partitioned Table, Error handling through TRY-CATCH statement, Common Table Expression (CTE), MERGE statements. \* Designed and Deployed SSIS Packages to Export and Import Data \* Developed reports using SQL Server Reporting Services (SSRS) and deployed in SharePoint. \* Involved in Data Modeling, Normalization (3NF), developing Logical/Physical ER Diagram using Erwin and SQL Server Data Diagram. \* Translated business requirements into technical design specifications and actively supported business users for change requests. \* Worked with SharePoint administrator for creating lists/libraries, adding/removing links, and assigning permissions to users. \* Provided 24/7 on call support for all the Production Servers.

Environment: MS SQL Server 2012/2008R2/2005, Windows Clustering, Replication, Windows Server 2008R2\2003, .Net Framework, C#.Net, JavaScript, MS TFS, MS-Access, SharePoint 2010, Oracle 10g, LiteSpeed, Erwin. Database Administrator QinetiQ North America - Reston, VA

December 2010 to February 2012 Responsibilities: \* Upgraded SQL Server 2005 to 2008 and applied service packs and patches. \* Implemented and Managed Mirroring High Availability solution for mission critical databases. \* Configured and maintained Merge replication and troubleshoot for conflict resolution. \* Designed comprehensive Backup and Recovery plan as disaster recovery strategies. \* Planned storage capacity for databases. \* Created and managed reports using SQL Server 2008 R2 Reporting Services (SSRS). \* Audited SQL Server to track server or database level events by SQL Audit and DDL triggers. \* Troubleshoot CPU, memory, I/O, and other resource contention and wait types. \* Worked with numerous simple to complex queries involving joins,

correlated sub-queries. \* Analyzed Execution Plan of long running slow queries, stored procedure and tuned them to optimize application and server performance. \* Setup min/max server memory, MAXDOP and other matrices for better server performance. \* Developed ETL process with SSIS Packages, BCP and Bulk Insert to transferred data to SQL Server Data Warehouse. \* Worked with software development life cycle (SDLC) and project methodologies. \* Configured Database mail, alerts, maintenance plans. \* Utilized storage architecture like SAN, RAID, SSD to reduce disk latency and improve I/O performance and redundancy. Environment: MS SQL Server 2008/2005/2000, Windows Server 2008/2003, SSIS, DTS, JavaScript, .Net Framework, C#, MS Visual Studio, Replication, Mirroring, MS Access, BIDS. Education Bachelor of Computer Engineering in Technology Specialist City College, City University of New York Additional Information Technical Skills: Operating Systems: Windows Server 2003/2008 R2/2012 and Windows XP / 7/8. Database: MS SQL Server 2005/2008R2/2012/2014. Languages: SQL, PowerShell, C++, C#, Java, PHP, Visual Basic 6.0, XML, HTML. Reporting Tool: SSRS (SQL Server Reporting Services). Data Modeling: SSDD (SQL Server Database Diagram), CA Erwin, VISIO Other Tools: Spotlight, EM7, SharePoint 2010, Visual Source Safe 6.0, RedGate SQL Compare, Dell LiteSpeed, Jira, Remedy, Service Now Ticketing System. Hardware/Storage: SAN, SSD, RAID.

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