

JESSICA CLAIRE

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📍 100 Montgomery St. 10th Floor

SKILLS

- Technical Skills
- Performance monitoring and tuning tools:
- Database Engine Tuning Advisor, SQL Server
- Profiler, Extended Sessions, Activity Monitor,
- Statistics IO/Time, Execution plan and
- Performance Monitor, DMV, System stored
- Procedures.
- RDMS and tools: MS SQL Server
- 2019/2017/2016/2014/2012/2008/2010 SQL
- Loader, Import and Export, and PowerShell.
- Third-party tools: IDERA Diagnostic
- Manager, System Center Suits /SCOM, SCSM,
- Modulator, SolarWinds, Redate, spotlight., SQL
- Sentry, Apex SQL, Microsoft Systems Center
- 2012 (SCOM), LiteSpeed,
- Operating System: Windows Server 2019,
- 2012R2/2012/2008R2/2008/2003.
- Backup software: SQL backup, Lite Speed,
- Red Gate, IDERA, and backup Exec.
- ETL Tools: SSIS, BI (BIDS and SSDT)
- Scripting tool: PowerShell.
- Virtualization: VMware and Hyper-V
- Language: T-SQL, begging C#, Power Shell,
- ASP.Net.
- Web Development: Good understanding of HTML,
- CSS, JSON
- MS SharePoint admin: SharePoint 2016/2013/2010/
- Source code repository: TFS, GIT
- Backup software: SQL backup, Lite Speed, Red Gate,
- IDERA, and backup Exec.
- Reporting and Audit tools: SSRS, repor builder and
- IDERA SQL compliance manager, and S secure.
- Cloud computing: Microsoft Azure.
- Database Modelling tools: Power BI desktop, Erwin
- Data modeler.
- SQL Transactional Replications
- Security Protocols
- Enterprise Information Architecture
- Warehouse Models
- SAN Technologies
- Quality Analysis
- Deep Learning
- Data Mining
- Reverse Engineering Skills
- Microsoft Office
- Data Management
- Critical Thinking
- Friendly, Positive Attitude
- Team Management
- Relationship Building
- Training & Development
- Computer Skills
- Problem Resolution
- Active Listening
- Good Work Ethic
- Maintenance & Repair
- Team Building
- Database Analysis
- Microsoft PowerShell
- Microsoft SQL
- Continuous Process Improvement
- Writing Queries
- Data Conversion and Migration
- Data Testing
- Coding Data
- Information Systems Management
- Database Administration
- Document Management
- Agile Methodology
- Planning & Organizing
- PPE Use
- Project Management
- Amazon Web Services
- Programming Languages: Java, C#, .NET, Python
- Source and Version Control: Git, Github
- Databases: Oracle, MongoDB
- RDMS Development and SQL
- Software Testing and Validation
- Continuous Integration Systems
- Analytical Thinking and Problem Solving
- Data Structures and Algorithms
- Object-Oriented Programming
- Data Storage and Retrieval
- Software Documentation Control
- Debugging and Troubleshooting
- Scripting Languages: PHP, Python, Javascript
- Performance Analytics

EDUCATION AND TRAINING

University of Maryland -
Baltimore County
Baltimore, MD • 12/2020

Master of Science: Data Science

Bahir Dar University
07/2013

Bachelor of Science: Chemical Engineering

Administering Microsoft SQL Server 2012/2014 databases certification. 3 | Page

SUMMARY

Microsoft Certified DBA with 7+ years of practical experience in Database Administration for large and complex databases in development, test, production, and cloud environments. I have strong interpersonal, communication, and problem-solving skills with the ability to effectively interact with a technical and non-technical staff at all levels. with the ability to work independently as well as in a team environment. Professional Summary Over 7 years of experience working in Information Technology. A proven track record of working in a fast-paced environment.

EXPERIENCE

Caci International Inc. - Sr. Database Engineer

VA • 04/2021 - Current

- Installing, configuring, and managing Server 2019, 2017, 2016, and 2014 both in production and lower environments
- Responsible for providing SQL server problem resolution and provide 24x7 production support and server outages
- Create Users and assign permissions based on the level of database access the user would need
- Monitor backups, ensuring they are being performed regularly
- Responsible for large-scale database migration from SQL Server 2008R2 to SQL Server 2014 and 2016
- Creating and monitoring Azure SQL Server databases
- Configuring and Maintaining Elastic DB pools
- Migrating the on-premise database to Azure Cloud and from cloud to on-premise using multiple methods
- Writing, testing, and maintaining T-SQL, stored procedures, triggers, views, functions
- Working with change control and ticketing systems to coordinate changes with other infrastructure teams
- Implementing HADR solutions, always-on, replication, Clustering, and log shipping
- From time to time recover the databases to a specific point of time, as per the requests
- Troubleshoot various problems that arise in day-to-day work and fix the issues
- (Monitoring SQL Server
- Error Logs and checking email alert (if there is one configured), failed jobs, available disc space, log sizes)
- Developing and deploying SSIS, and SSRS
- Monitoring and Performance Tuning; Physical Server Level, Database level (Database settings and options), and query tuning
- Applying Service Packs & Cumulative updates
- Implemented a robust backup strategy across production and non-production environment to meet an
- RTO & RPO
- Document all changes that were made to the environment that includes: Installations Upgrades, Service packs / Hotfixes applied new DBs added, Logins \ Roles added/removed, Infrastructure changes,
- Process improvements
- Created Backup jobs for different types of backups: full, differential, and transaction log
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- Citigroup, New York, United States January 2018- May 2021
- SQL Server DBA
- Responsibilities:
- Installed, configured, and monitored SQL server 2017, 2016, 2014, and 2012 versions with different editions
- Monitored and troubleshoot performance issues of the database and optimized T-SQL queries, stored procedures, functions, etc
- Managed Azure SQL database and Azure managed instance
- Involved in day-to-day activities such as Agent Jobs, Backups and Recovery, Index, Database growth, health, and consistency check
- Performed various data migration tasks for mission-critical databases
- Implemented HADR solutions, always-on, replication, and Clustering
- Monitored and tuned all aspects of SQL Server infrastructure like Disk, CPU, Memory, SQL Code, etc., by using Perfmon, Profiler, Dynamic management views, and dynamic management function
- Monitored the complete server environment for resource utilization and to avoid any bottlenecks
- Configured and maintained transactional, snapshot, and merge replication
- Created Backup jobs for different types of backups: full, differential, and transaction log
- Created Jobs for database maintenance index fragmentation, rebuild, database statistics.

Pinnacle Technical Resources Inc - SQL Server DBA

Carlsbad, CA • 01/2018 - 05/2021

- Installed, configured, and monitored SQL server 2017, 2016, 2014, and 2012 versions with different editions.
- Monitored and troubleshoot performance issues of the database and optimized T-SQL queries, stored procedures, functions, etc.
- Managed Azure SQL database and Azure managed instance.
- Involved in day-to-day activities such as Agent Jobs, Backups and Recovery, Index, Database growth, health, and consistency check.
- Performed various data migration tasks for mission-critical databases.
- Implemented HADR solutions, always-on, replication, and Clustering.
- Monitored and tuned all aspects of SQL Server infrastructure like Disk, CPU, Memory, SQL Code, etc., by using Perfmon, Profiler, Dynamic management views, and dynamic management function.
- Monitored the complete server environment for resource utilization and to avoid any bottlenecks.
- Configured and maintained transactional, snapshot, and merge replication.
- Created Backup jobs for different types of backups: full, differential, and transaction log.
- Created Jobs for database maintenance index fragmentation, rebuild, database statistics.
- Provided support for complex issues related to software tools, applications and databases.
- Created and monitored performance metrics to keep databases functioning at optimal capacity.
- Defined synchronization plan for patch management.
- Solved complex analytical problems using statistical models from data.
- Established security controls to help protect client systems.
- Supported planning for software development and purchases and coordinated implementation.
- Collaborated with stakeholders to gather business requirements for enhancements and change requests.
- Communicated with data architects, programmers and engineers to keep projects on track.
- Developed data models and database designs to plan projects.
- Wrote scripts and processes for data integration and bug fixes.
- Defined database design specifications based upon project requirements.
- Performed quality assurance processes to support data warehouse improvements.
- Analyzed and developed technical and functional specifications for databases.

Pinnacle Technical Resources Inc - SQL Server DBA

TX • 12/2014 - 11/2017

- Installed SQL Server 2016/2014/2012 Instances
- Worked on change requests, permissions requests, and refresh requests
- Create Users and assign permissions based on the level of database access the user would need
- Configured and maintained Log Shipping, Always ON, and SQL Clustering
- Create Linked Servers to SQL Servers and other databases
- Monitor backups, ensuring they are being performed regularly
- From time to time recover the databases to a specific point of time, as per the requests
- Troubleshoot various problems that arise in day-to-day work and fix the issues
- (Monitoring SQL Server
- Error Logs and checking email alert (if there is one configured), failed jobs, available disc space, log sizes)
- Writing, reviewing, and optimizing ad-hoc T-SQL code, Stored procedures, View trigger Indexes, Tables, Statistics, and Functions
- Monitoring and Performance tuning; Physical Server Level, Database level (Database settings and options), and query tuning
- Documenting major changes to the SQL Servers
- Applying Service Packs, cumulative updates and hotfixes

ADDITIONAL INFORMATION

- Experience in Installing, configuring, and managing Microsoft SQL Server 2019,2017, 2016, 2014, 2012, and 2008 overproduction and lower environments. Managing SQL Server databases through multiple product lifecycle environments from development to mission-critical production systems. Experience in writing, reviewing, and optimizing ad-hoc T-SQL code, Stored procedures, View, trigger Indexes, Tables, Statistics, and Functions. Capacity planning: Analyze the past, present, and predict the future data growth, disk usage trending, recommending, and troubleshooting Memory, CPU, and storage-related issues. High Availability and Disaster Recovery solutions: Experience in managing HADR including Backup & recovery, Replication, Log shipping, Database mirroring, SQL clustering, and Always-on availability groups. Performance monitoring and tuning: Ability to proactively monitor the application and database environment to optimize performance, troubleshooting the performance-related issues by using built-in SQL server and third-party tools. Backup and recovery: Implementing a robust backup and recovery strategy across production and non- production environment to meet an RTO & RPO. Data security: Implementing server and database level security and making sure that servers and databases are highly secured, implementing server and database level encryption solutions; including TDE, always encrypted, and Dynamic data masking. Database migration: Experience in migrating server databases from lower to higher version and on-premises environments to the public/private cloud. Automation: Automate and run regular database maintenance tasks backups, integrity checks, index rebuild and re-organization, file purges. and implementing Azure elastic pool Hands-on Experience in Working with SSIS, SSRS, and SSAS to serve company needs. Azure: Configuring Azure Services PaaS, and IaaS Experience in creating and monitoring Azure SQL Server databases. Experience in Managing and monitoring Azure virtual machines Experience in Implementing and managing Azure networking Configured and Maintained Elastic DB pools. 2 | Page Experience in configuring and monitoring Geo-Replication and Synchronizations using HUB-MEMBER Topologies. configuring and implementing storage, backup, and recovery services, experience in configuring backups, and restoring a database from the recovery vault. Configured Always on Availability groups using Cloud VMs. Strong experience in designing and implementing the backup and disaster recovery strategies as per RPO and RTO values. Experience in migrating the on-premise database to Cloud and from cloud to on-premise using multiple methods. Experience in PowerShell scripting. Provide 24 X 7 dedicated on-call support for SQL Server production databases