

Job Description: Database Engineer

About Vision

Vision is a leading GovTech firm providing market leading software to the public sector throughout the United States. Today, more than 430 cities, towns and counties are part of the Vision family, including marquee customers such as New York City and Washington, DC. As we continue to rapidly grow, we pride ourselves on the intense loyalty of our customer base, more than 50% of which have been with Vision for over 20 years. Learn more at www.vgsi.com.

The person we are looking for

This is the job for you if you enjoy working data management challenges from a variety of different aspects – scale, performance, automation, security, design and support. Our customers operate on the extensive data managed in our systems and they heavily rely upon our data management and performance practices. You will be one of the key reasons why our customers love us.

We are a small organization with big aspirations! We have an established Product Development team but our fast growing business is presenting us with wonderfully new and gnarly challenges.

Contact us if you enjoy fast paced days that are rarely the same, testing your soft skills as much as your technical skills, and quickly seeing the direct results of the hard work you put in every day!

Summary of Role & Responsibilities

The Database Engineer will be responsible for the implementation, maintenance, and optimization of critical Microsoft SQL servers. This role will also be tasked with enhancing the performance of existing databases and optimizing database design and architecture. The Database Engineer will be expected to identify and quickly resolve database problems as they arise and will be the technical owner or primary resource for designated database applications.

Key roles & responsibilities include:

- Manage SQL Server databases through multiple product lifecycle environments, from development to mission-critical production systems
- Monitor databases to ensure high levels of performance, availability, and security
- Independently analyze, solve, and correct issues in real time, providing problem resolution end-to-end
- Refine and automate regular processes, track issues, and document changes
- Assist developers with complex query tuning and schema refinement
- Provide 24x7 support for critical database production systems.
- Perform scheduled maintenance and support release deployment activities after hours
- Document processes related to database design, configuration, and performance
- Work as part of the Product Development process to “design-in” supportability into pre-release work
- Share domain and technical expertise, providing technical mentorship and cross-training to other peers and team members

Professional experience that can help you succeed

Can you believe that Woolly Mammoths were still alive when tax bills were first issued? Taxation has existed in various forms since civilization began! The earliest known tax records, dating from approximately six

thousand years B.C., were in the form of clay tablets found in the ancient city-state of Lagash, which is in modern day Iraq.

It's amazing, but true! Leading a digital transformation in an industry with that level of maturity requires more than just technical aptitude. It takes creativity, patience, and persistence! Nevertheless, it certainly doesn't hurt to have a wealth of technical experience. Below is a list of experiences that would help you succeed in this role. It's okay if you don't meet each item if you are willing to dig in to the challenges and learn fast!

- 5+ years MS SQL Server Administration experience required
- Experience with PostgreSQL administration a plus.
- In-depth knowledge of Structured Query Language (SQL)
- Experience in database disaster recovery planning and recovery
- Exceptional problem-solving skills and attention to detail
- Experience with Performance Tuning and Optimization (PTO), using native monitoring and troubleshooting tools
- Experience with backups, restores and recovery models
- Knowledge of High Availability (HA) and Disaster Recovery (DR) options for SQL Server
- Excellent written and verbal communication
- Flexible, team player, "get-it-done" personality
- Ability to organize and plan work independently
- Ability to work in a rapidly changing environment
- Ability to multi-task and context-switch effectively between different activities and teams