Downloaded from <https://www.velvetjobs.com/job-descriptions/senior-database-developer>

# Example of Senior Database Developer Job Description

Our growing company is looking for a senior database developer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for senior database developer

* Glance over our monitoring dashboards and identify hotspots and focus areas
* Look over the EXPLAIN output of a slow query and suggest improvements
* Review our deployment in AWS and explain the high level architecture
* Evaluate the schema from our applications and suggest improvements
* Application and data integration from various sources
* Create reports using SSRS, write stored procedures and views for reports
* Plan, Design, and Configuration of database environments including clusters
* Document database and database server schemas, configurations and architectures
* Consulting with personnel at all levels of the organization to discuss business requirements and potential solutions
* Train users on processes and systems

## Qualifications for senior database developer

* Good knowledge of database architectures including distributed database systems
* Must be able to work onsite in Waterloo
* Advanced LINUX and UNIX skills and experience (specifically with multi-threaded architecture, synchronization mechanism particularly in distributed systems )
* System level design expertise such as OS drivers, file systems, access methods, query processing, query optimization, memory management, multi-threading and concurrency control, networking will be a strong plus
* Experience in distributed computing development such as distributed database design, cluster file system, cluster lock manager , will be a strong plus
* Familiarity of Virtualization and Storage technologies is a plus