

Job Title:	Database and Reporting Engineer
Location:	Aberdeen
Responsible To:	Business Systems Manager
Date:	October 2023

<p>Purpose of Job:</p>	<p>Analyse, design, develop, maintain, administer, and support databases and dependent reporting including data-management.</p> <p>Ensure SQL and Reporting standards compliance including change definition, review, and control of production deployment. Input to associated Change Boards.</p> <p>Document and apply source control across the SQL and Reporting estate addressing any gaps identified.</p> <p>Own and champion related Business Systems procedures and working mechanisms continuously improving compliance.</p> <p>Engage within Business Systems and the wider organisation to recommend and deliver database and reporting solutions.</p> <p>Coach Business Systems team members on SQL and reporting technical aspects, coding standards and best-practice.</p> <p>Deploy and upgrade database and reporting solutions, supporting technology transition.</p> <p>Database planning, administration, and performance tuning / optimisation.</p> <p>Related support and frequency-based activities.</p>
<p>Key Areas of Responsibility:</p>	<p>Implement and support: -</p> <ul style="list-style-type: none"> • Databases in Microsoft SQL Server including OLAP-based reporting. • Lifecycle management of SQL objects including queries, views, functions, triggers, and stored procedures. • Business reporting in Excel and SSRS. • Application databases and associated reporting. • Maintenance and development of OLAP reporting and data warehouse and related ETL routines (SSIS / SSAS). <p>Work with the business ensuring all reporting and database needs are met.</p>

	Frequency-based <ul style="list-style-type: none"> Database administration including data growth management, backups, indexing, performance tuning etc. Contribution to the execution of month end processing, systems maintenance, and related reporting. Contribution to related support. 	
Interfaces (Internal/External):	All levels of the organisation including the IT & Business System Team.	
Qualifications:	Essential	Desirable
	Computing Science degree or equivalent experience.	Relevant certification.
Experience Required:	Essential	Desirable
	<p>Significant experience delivering database and reporting solutions using MS SQL Server technologies.</p> <p>Experience working within an environment requiring a high level of standards compliance and procedural control including related ownership, accountability, and responsibility.</p> <p>Implementation and maintenance of data warehouses and business reporting / intelligence solutions.</p> <p>Strong interpersonal skills with the ability to build rapport within Hydrasun.</p> <p>Ability to convey appropriate technical detail at all levels.</p>	<p>Experience of manufacturing, distribution, and sales IT.</p> <p>Delivery of database and reporting solutions in an ERP environment.</p> <p>Coaching, mentoring and development of co-workers in the areas of database and reporting technologies and solutions.</p>
Skills/Training Competences:	Essential	Desirable
	<p>Microsoft SQL Server database development & administration (SSAS, SSIS, SSRS, SQL Server Agent Jobs, maintenance, backup, performance tuning).</p> <p>Advanced T-SQL (Schema & query design, views, functions, stored procedures).</p> <p>Excellent written and verbal communication skills.</p> <p>SQL development best-practice, coding standard, and source / version control. This includes monitoring and ensuring compliance to such standards.</p> <p>Documentation and Issue tracking.</p> <p>Change control including documentation / definition, proposal, review, and deployment to production.</p>	<p>Experience with SQL Server 2019 and 2022.</p> <p>Implementation of OLAP-based reporting solutions (SSAS Tabular Model).</p> <p>Excel / MS-Query / VBA development.</p> <p>GIT source control.</p>

Please note that you may be requested to undertake other duties from time to time and it is possible that your duties may change over time. You will be expected to co-operate with all reasonable requests. If the changes are deemed to be longer term then this job description will be revised.