



Data Engineer



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1 Description

SourceDogg is a leading Supplier Management & eProcurement software provider committed to offering the easiest-to-use software experience and value to a client base that includes many successful infrastructure, construction, and engineering clients. We are now looking for a Data Engineer that can help and support the business. This is an excellent opportunity to join a rapidly expanding cloud-based software company and gain exposure to cutting-edge technologies.

2 The Role

We are seeking a highly skilled and motivated Data Engineer to join our dynamic team. As a Data Engineer, you will be responsible for designing, developing, and maintaining the data infrastructure and systems that support our organization's data needs. You will collaborate with cross-functional teams to ensure efficient data flow, optimize data pipelines, and drive innovation in data engineering practices. This role requires a strong understanding of data architecture, ETL processes, and data modelling techniques.

Job Type: Permanent, fulltime

Location: Ireland (Remote)

3 Duties and Responsibilities

- Designing, building, and maintaining scalable data pipelines and workflows to extract, transform, and load data from various sources into our data warehouse or data lake.
- Collaborating with data scientists, analysts, and other stakeholders to understand data requirements and implement solutions that meet their needs.
- Developing and maintaining data models, schemas, and database structures to support efficient data storage and retrieval.
- Monitoring and troubleshooting data pipelines, identifying and resolving performance issues and data inconsistencies.
- Building scalable and efficient ETL processes to extract, transform, and load data from various sources.
- Implementing and optimizing ETL processes to ensure data quality, integrity, and timeliness.
- Optimizing data pipelines and workflows to improve performance and efficiency.
- Implementing and maintaining data governance and security measures to ensure data privacy and compliance.
- Managing and monitoring data infrastructure, including data warehouses and data lakes.
- Troubleshooting and resolving data-related issues in a timely manner.
- Implementing and enforcing data governance policies and procedures.
- Documenting data engineering processes, workflows, and best practices
- Keeping up-to-date with the latest trends and technologies in data engineering and recommending improvements to enhance data infrastructure and processes.

4 Skills and Qualifications

- Bachelor's degree in Computer Science, Engineering, Data or a related field.
- Proven experience as a Data Engineer or similar role, with a strong understanding of data engineering principles and practices.
- Proficiency in SQL/PLSQL and SQL optimization.
- Proficiency in programming languages such as Python, C# or Java
- Knowledge of SQL and experience with relational and NoSQL databases.
- Familiarity with data modelling concepts and database design principles.
- Strong understanding of ETL processes and data integration techniques.
- Knowledge of cloud platforms and services, such as Azure
- Excellent problem-solving and troubleshooting skills.
- Strong communication and collaboration skills, with the ability to work effectively in a team environment.

5 Knowledge of the following would be an advantage

- Stream processing frameworks, such as Apache Kafka.
- Data visualization tools, such as Tableau or Power BI.
- Knowledge of machine learning concepts and frameworks.

6 Why choose to work with us

Teamwork is part of our core. We seek purpose in everything we do and are not afraid to ask challenging questions along the way. We understand the complexity of simplicity and believe that less is more.

We have an innovative and high-performance culture where we encourage and reward creativity and teamwork, and we have fun while we do it! This is a unique opportunity to join a growing company and comprises a team of expert technologists and seasoned professionals.

Attractive prospect to progress your career further as our company grows.