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Software Engineer - Azure

Bangalore

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Reference ID
R10021

Updated
02/06/2021

Employment Type
null

Experience level   **You hav**
Experienced Professionals

Country
India

City/State
Bangalore

Work Location
Bangalore

The Role

We are looking for a savvy Data Engineer to join our growing team of analytics experts. The hire
will be responsible for expanding and optimizing our data and data pipeline architecture, as well as
optimizing data flow and collection for cross functional teams. The ideal candidate is an
experienced data pipeline builder and data wrangler who enjoys optimizing data systems and
building them from the ground up. The Data Engineer will support our software developers,
database architects, data analysts and data scientists on data initiatives and will ensure optimal
data delivery architecture is consistent throughout ongoing projects. They must be self-directed
and comfortable supporting the data needs of multiple teams, systems and products. The right
candidate will be excited by the prospect of optimizing or even re-designing our company's data
architecture to support our next generation of products and data initiatives.

Responsibilities for Data Engineer:

- Create and maintain optimal data pipeline architecture.

- Assemble large, complex data sets that meet functional / non-functional business requirements.

- Identify, design, and implement internal process improvements: automating manual processes,
  optimizing data delivery, re-designing infrastructure for greater scalability, etc.

- Build the infrastructure required for optimal extraction, transformation, and loading of data from
  a wide variety of data sources using SQL and Azure, AWS 'big data' technologies.

- Build analytics tools that utilize the data pipeline to provide actionable insights into customer acquisition, operational efficiency and other key business performance metrics.

- Go to Shell Careers Work with stakeholders including the Executive, Product, Data and Design teams to assist with data-related technical issues and support their data infrastructure needs.

- Keep our data separated and secure across national boundaries through multiple data centers and Azure, AWS regions.

- Create data tools for analytics and data scientist team members that assist them in building and optimizing our product into an innovative industry leader.

- Work with data and analytics experts to strive for greater functionality in our data systems.

Qualifications for Data Engineer:

- Advanced working SQL knowledge and experience working with relational databases, query authoring (SQL) as well as working familiarity with a variety of databases.

- Experience building and optimizing 'big data' data pipelines, architectures and data sets.

- Experience performing root cause analysis on internal and external data and processes to answer specific business questions and identify opportunities for improvement.

- Strong analytic skills related to working with unstructured datasets.

- Build processes supporting data transformation, data structures, metadata, dependency and workload management.

- A successful history of manipulating, processing and extracting value from large disconnected datasets.

- Working knowledge of message queuing, stream processing, and highly scalable 'big data' data stores.

- Strong project management and organizational skills.

- Experience supporting and working with cross-functional teams in a dynamic environment.

- We are looking for a candidate with 6+ years of experience in a Data Engineer role, who has attained a Graduate degree in Computer Science, Statistics, Informatics, Information Systems or another quantitative field.

- They should also have experience using the following software/tools:

- Experience with Azure: ADLS, Databricks, Stream Analytics, SQL DW, COSMOS DB, Analysis Services, Azure Functions, Serverless Architecture, ARM Template

Go to Shell Careers with relational SQL and NoSQL databases, including Postgres and Cassandra You hav

- Experience with object-oriented/object function scripting languages: Python, SQL, Scala, Spark-SQL etc.

- Nice to have experience with big data tools: Hadoop, Spark, Kafka, etc.

- Nice to have experience with data pipeline and workflow management tools: Azkaban, Luigi, Airflow, etc.

- Nice to have experience with stream-processing systems: Storm

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