

Data Engineer (AWS Cloud)

Benefits: Candidates on temporary assignment may qualify for our competitive benefits package which includes group health, life and disability insurance and voluntary benefits such as retirement savings and holiday pay.

Salary range: DOE
Employment status: Permanent

Description

YOUR MISSION: Your mission is to manage and optimize our cloud data platform. This means you will be responsible for working on a variety of data projects which includes orchestrating our data pipelines using modern big data tools as well as the engineering of existing transactional processing systems while meeting our security requirements.

- Understand our platform development environment and philosophy.
- Learn our cloud platform and applications' infrastructure
- Grasp our engineering teams' work culture.
- Integrate a number of 3rd party data sources
- Employ various cloud tools to marry our internal and external systems and third party APIs together
- Develop data platform services
- Build monitoring infrastructure / services to give visibility into the pipeline's status
- Interface with different teams to make data available for reporting and analytics

Technical Skills :

- Bachelor's degree in Computer Science or Information Systems
- 5+ years of progressive experience in software development/data engineering
- 2+ years of software development in a cloud centric environment working with big data technologies.
- Design / development of framework based common platform services that include meta-data layering
- Design / development of Restful apis and/or microservices
- Advanced knowledge of Python and Bash scripts
- Demonstrated experience in software development collaboration using tools such as Git/Gitlab/bitbucket.
- Demonstrated experience writing and understanding complex SQL queries with an emphasis on MySQL, RDS or Redshift
- Demonstrated expertise in the use of AWS Big Data services components, such as EMR, Glue, Athena
- Working experience orchestrating data pipelines with tools like Airflow
- Experience with stream-processing systems such as Apache Spark Streaming, Kinesis, Apache Kafka
- Working experience on automating the deployment and operation of data pipelines
- You have been involved in developing at least one data pipeline that involved collecting/streaming, storing and processing (ETL) the data for various business use cases.
- You have been an Integral part of a team working with structured, semi-structured and unstructured large data sets from real time/batch streaming data feeds.

Requirements

NICE TO HAVES:

- Working experience with RDS, Elasticsearch, Lambda functions, EC2, S3
- Working knowledge of messaging and data pipeline tools like SNS, SQS

- Working experience with logging and monitoring tools like Elasticsearch Service, Cloudwatch
- Knowledge of infrastructure as code and CloudFormation
- Have Amazon Web Services certificate(s)
- Experience working with NoSQL databases like Apache Solr, MongoDB

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