ANKIT DEEPAK MISTRY

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OBJECTIVE

Data Engineer with 5 years of experience developing ETL pipelines using various big data and cloud technologies like Spark Scala and AWS, seeking coop in Data Engineering, Big Data Developer, Cloud Engineer roles.

EDUCATION

Ontario College Graduate Certificate in Cloud Computing Technologies, George Brown College   Expected   2025
Relevant Coursework: Linux, Networking, Cloud Computing(AWS, Azure)

Ontario College Graduate Certificate in Business Analytics, Seneca Polytechnic College   Jan 2024- Aug 2024
Relevant Coursework: Data Analytics, Statistics, Visualization.

Post Graduate Diploma in Data Science, Manipal University   2020 - 2021
Relevant Coursework: Statistics, Machine Learning, Big Data, AI, Visualization.

SKILLS

Technical Skills   Spark Scala, Kafka, AWS, Azure, Snowflake, Python, SQL, Hadoop, Tableau, PowerBI, Machine Learning, Statistics, SAS.

EXPERIENCE

Data Engineer   Sept 2022 - Dec 2023
ValueMomentum Software Solutions Pvt. Ltd.   *Hyderabad, India*

- Developed Spark Scala data pipelines for optimized ETL of S3 GuideWire data to Postgres.
- Automated ETL process with AWS StepFunction, enabling integration with Lambda and EMR.
- Built event-driven architecture using AWS EventBridge and Step Functions to reduce latency.
- Designed and implemented data quality checks to ensure accurate and consistent data.
- Collaborated with cross-functional teams to analyze business requirements and design technical solutions.
- Wrote AWS Lambda functions in Python according to business requirements.

Associate Consultant Data Engineer   April 2021 - Sept 2022
Allstate India   *Bangalore, India*

- Designed and developed streaming pipelines to read continuously incoming JSON data from Kafka servers.
- Built data pipelines to read Avro files from AWS S3 and write them into semi-structured databases like Mongo DB.
- Optimized Spark/Scala processes using Jackson JSON framework for high-speed data transformation.
- Analyzed and transformed auto/property insurance policies and quotes using Spark Scala.
- Designed automated scripts to dynamically generate Spark/Scala codes and data pipelines based on changes in source data schema.
- Wrote Python Scripts to reconcile data that was loaded in Mongo DB.

PROJECTS

Motor Car Price Prediction. analyzed and created a predictive model using the data from cardekho.com, the model predicts the price at which a used car could be sold provided certain inputs like the year of manufacture, price at which it was bought, fuel type, kilometers driven, number of previous owners, etc.

EXTRA-CURRICULAR ACTIVITIES

- Make YouTube videos related to tutorials for data science subjects like statistics and machine learning.
- Play guitar and have jamming sessions on weekends.