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Summary

- Overall 5 years of experience and 3 years in Data Engineer Projects.
- Good understanding of Kafka development fundamentals and experience in designing and implementing solutions is looking for a similar role and position in a progressive organization.

Skills

- Confluent Kafka, ksqlDB, Python, SQL, Python Producer and Consumer Application, S3 Source Connector, Git BASH, Azure Repo, AWS.
- Apache Spark, SparkSQL, Mysql, PostgreSQL, Pyspark.
- Web Scraping, Pandas DataFrame, Data Analytics, Data Uploader, Data Auditor.
- Excel.

Experience

ABBVIE, Remote, June 2023

Confluent Kafka Developer

- Designed and implemented scalable data pipelines using Kafka producers, consumers, and streams, enabling real-time data processing.
- Managed Kafka brokers, topics, Partitions, and Zookeeper nodes to support high-through and low-latency data streams.
- Planned and executed data migration strategies for kafka brokers, topics, and data streams.
- Developed and maintained Kafka producer applications in Python, enabling real-time data ingestion from various sources.
- Optimized Python-based kafka producers for high throughput and low latency in processing large volumes of data.
- Implemented and configured the Kafka S3 Source Connector to efficiently pull data from Amazon S3 bucket into Kafka topics.
- Configured and managed the Kafka SFTP Connector to stream files from SFTP servers directly into Kafka, automating data ingestion workflows.
- Utilized ksqlDB to extract, transform, and analyze data from Kafka topics in real-time, enabling data-driven decision-making.
- Developed complex ksqlDB queries to filter, aggregate, and join streaming data, supporting various analytical use cases.
- Conducted POC to evaluate the feasibility and performance of integrating the Kafka Email Source Connector for ingesting email data into Kafka topics.
- Developed a POC using FastAPI to create RESTful APIs that interact with Kafka, demonstrating its effectiveness in real-time data processing scenarios.
- Designed and tested custom activities within the POC framework to extend Kafka's capabilities, tailored to specific use cases.
- Created and evaluated documentation strategies for Kafka-related projects in Azure Repos, ensuring clarity and accessibility for future implementations.
- Created and configured Kafka topics to support various data streams, ensuring appropriate partitioning and replication for optimal performance.
- Cleared existing data from Kafka topics as needed, maintaining data integrity and managing storage efficiently..

Makonis, Bengaluru, May 2020 – October 2020

Machine Learning Trainee

- Web Scraping, Data Visualization & Regression Modeling.
- Compiled pricing data for competitive analysis by performing web scrap in python.
- Deploy Machine Learning models as a Microservice using FastAPI
- Created charts in Jupyter Notebook to perform preliminary analysis & visualizedata using Matplotlib.

Accenture, Bengaluru, June 2017 – July 2019

Transaction Processing Associate

Project : UberEats

- Build and maintain SQL scripts, indexes, and complex queries for data analysis and extraction.
- Analyzing product, Food, and Price to build data.
- Prepare documentations for Food applications.
- Ensure the data quality and integrity in UberEats Application.
- Develop and execute database queries and conduct analysis.
- Upload data from CSV, excel, and unstructured data(images) into the UberEats Application.
- Audit data from UberEats Application.
- Prepare all documents related to the E-Commerce Food Applications.
- Provide a qualitative and quantitative evaluation based on empirical data findings.

Education

- Bachelor of Computer Applications from Bangalore University in the year 2015. Underwent the course at Garden City College, Bangalore.
- Plus-Two (Science) from Board of Higher Secondary Examinations, Kerala in 2011.
- SSLC from Board of Public Examinations, Kerala in 2009.

Training/Courses

- Python Basics and Intermediate - O'reilly.
- Data Analysis with Pandas and Python - O'reilly.
- Spark and Python for Big Data with PySpark – Udemy.
- Google Analytics for Beginners | Hands-On Training – Udemy.
- UI Path - RPA Basics
- Oracle 11G Database

Languages

- English (Full Professional Proficiency)
- Hindi (Full Professional Proficiency)
- Malayalam (Full Professional Proficiency)

Declaration

The above-given details are correct to the best of knowledge.