

Abhishek Nigam



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SUMMARY

Software Engineer - Data Engineering at Tiger Analytics. Worked on Pepsico Hands-on project using services from Azure to provide big data solutions as part of Incubation Lab. Able to interact with clients and team members to gather business requirements and implement the same.

TECHNICAL SKILLS

- Tools : Github, Docker, Kafka, Airflow
- Cloud Technology : Azure, Azure Databricks, Azure Data factory
- Statistical Tools: : SQL, Python, PySpark heavy
- Quantitative Methods : Data Analysis

Experience

- Company Name: Tiger Analytics
- Year : November 2021 – Present

PROJECTS

- CDC Ingestion - Developed streaming pipeline for capturing change data records using kafka debezium. Built consumer pipeline in databricks for reading change data records. Written automation python script for getting status of connectors in Kafka. Creating alerts in eventhub for not getting data in event hub. Using docker for starting kafka environment.
- Airflow POC - Got hands on experience in orchestating workflow in Airflow POC. Also created dags for various operators datafactory and databricks run now operator . Got exposure to work on dynamic dags and passing data between tasks.
- Worked on Sales database Pilot project as part of Incubation lab using Azure Services mainly **ADLS gen 2** for storage, Azure **databricks** for transformations, **Synapse SQL pool** for storing data, **Power BI** for dashboarding, **Logic app** and **Function app** for mail notification also created fake data using faker library for file-based ingestion. All resources were organized under a single pipeline using Azure **Data Factory**.
- Attended Simplilearn training programme and did projects using AWS to analyse Realtime Streamings Data and Azure Services to build ETL pipeline.
- Capable of doing copy data activity in Azure data factory and apply transformation in databricks for various use cases and make a dashboard in Power BI for significant output. Used Azure data factory, azure databricks, functional app in this project.

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- Developed a web application to track the details of insurance policy and customer details. Contributed to the database management project using HTML for frontend and PHP server i.e., Xampp (MySQL) for backend. Created dashboards for business users using internal reporting tool to visualize the data.
- Created a reservation management system as part of a case study for Indian railways. Designed and developed a database to maintain records of different trains, train status and passengers. It facilitated the passengers to enquire about the trains available on the basis of source and destination, booking and cancelling of tickets, status of the booked tickets, etc. Used Oracle, HTML, CSS and PHP for the process.

EDUCATION

- Bachelor Of Technology - Computer Science, Pranveer Singh Institute Of Technology, Kanpur, India, 2021

Communication Details

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