KIRAN HANDE

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GCP DATA ENGINEER

Detail-oriented data engineer with extensive experience enhancing business and operational processes through data-driven insights. Skilled in analysing data processes, developing metrics, and benchmarks to drive improvements. Seeking to leverage abilities in a dynamic organisation focused on innovation and achieving excellence.

Skills

- PL/SQL, SQL, Python, Shell Scripting, Informatica Powercenter, AutoSys,CA Schedule, Cloud Function, ETL, DWH, IICS, Linux.
- GCP(Big Query, Airflow,Composer,DataFlow,cloud function)
- Basic understanding of programming languages such as Java, and familiarity with Unix- based operating systems.

Experience

Datametica Solution PVT LTD,   Apr -2024 TO Present

PROJECT EXPERIENCE - Data Engineer
TeraData On-premises Migration to GCP
Client-Wells Fargo;
Tech Stack: Bigquery, Apache Airflow, AutoSys,TeraData, Abnisho, Shell Scripting, GCS, PL/SQL.

- Designed and executed a comprehensive migration strategy to transition Teradata on-premises infrastructure to Google Cloud Platform (GCP), ensuring minimal disruption to operations and maximising efficiency.
- Implemented data pipelines using Apache Airflow for orchestration, leveraging technologies like BigQuery, GCS (Google Cloud Storage), and PL/SQL to facilitate seamless data integration and processing across platforms.
- Utilised AutoSys and custom Shell scripting to automate ETL (Extract, Transform, Load) processes, improving data reliability and reducing manual intervention, thereby optimising operational workflows.
- Conducted performance tuning and optimization of Ab Initio jobs and SQL queries within the GCP environment, enhancing data processing speeds and efficiency.

Datametica Solution PVT LTD,   Sep-2021 TO May-2023

PROJECT EXPERIENCE - Data Engineer Oracle
On-premises Migration to GCP Client-Mattel;
Tech Stack: Bigquery, Apache Airflow, Informatica, Dataflow, Shell Scripting, GCS, PL/SQL, CA Scheduler.

- I have experience with several Google Cloud Platform (GCP) services, including Big Query for data analytics, Apache Airflow and Cloud Composer for orchestration and workflow management, Dataflow for stream and batch data processing, and Cloud Functions for server less computing.
- Developed ETL processes using Apache Airflow, Informatica, and custom Python scripts to transform and load data into BigQuery efficiently, focusing on optimising performance through SQL query tuning and partitioning strategies
- Being a key SQL developer, I worked on Fact and Dimension by analysing the Informatica mappings, worked on views creation, stored procedure, data purging, and python scripts for ETL purposes
- Hands-on experience on Apache Airflow for scheduling and orchestration of data pipelines across various platforms and load high frequency data in Bigquery.
- ETL Development of stored procedure, view and user defined function for migration of MS SQL code, Informatica mapping to Bigquery.
- Involving in unit testing, user acceptance testing to check whether the data is loading into the target, which was extracted from MS SQL,files,and databasesL according to the user requirements.
- Worked on Scheduling jobs and application on tools like CA, Airflow and Google cloud Composer Designed and developed pipeline for the historical data copy in IICS, Informatica PC, and GCP.
- Monitoring CA Jobs and airflow Jobs and resolving its defects. Developed and Scheduled an Orchestration of workflows using CA Scheduler.

Education

MSC Computer Science
Savitribai Phule Pune University
 2020-2022 79%
BSC Computer Science
Savitribai Phule Pune University
2017-2020   72%

Awards & Certification

- Coursera Certified Shell Scripting with Bash.
- Google Cloud Certified Big Query and Cloud SQL.
- Google Cloud Certified Modernising Data Lakes and Data Warehouses with Google Cloud.
- Google Cloud Certified Associate Cloud Engineer.
- Received 'Spot Award' (Three times) in Datametica Solutions Private Limited in Pune.