

VAISHAK NAMBIAR

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Cloud Data Engineer | <https://www.linkedin.com/in/vaishak-nambiar/>

Skills

Languages: Java, Python, SQL

Technologies & Tools: BigQuery, Airflow, Dataflow, DBT, Apache Kafka, Talend Studio, Grafana, SAP Logon, Monte Carlo, Jenkins, Github.

Work Experience

General Mills, Mumbai

Jan 2023 - Present **Data Engineer**

- Worked on creating batch and real-time data pipelines by connecting to different sources using Talend Studio and GCP services like Dataflow.
- Reduced scanned data volume by 50% through table clustering on large datasets.
- Migrated all the SAP-SLT data pipelines to Bigquery using Google Bigquery Connector.
- Developed parameterized Dataflow Flex Templates to enable dynamic ingestion from diverse relational databases into BigQuery, improving deployment flexibility and reuse across projects.
- Optimized dataflow pipeline efficiency by 80% by making VM resource allocation configurable based on data volume.
- Migrated Bigquery Data models to DBT for better lineage, unit testing, modularity and documentation.
- Created Airflow DAGs utilizing different operators to automate ETL processes
- Set up Monte Carlo monitors to continuously evaluate model performance and detect anomalies in real-time data streams.
- Developed python scripts to convert various data formats to CSV.
- Currently working on using BigQuery Data Transfer Services for Salesforce to BigQuery integration.

Accenture, Mumbai

Jan 2021 - Dec 2022 **Data Engineer**

- Designed Data Ingestion Templates using Talend Studio
- Utilized Google BigQuery for comprehensive data analysis.
- Constructed Airflow DAGs to schedule jobs, leveraging GCP Composer as the orchestrator.
- Managed diverse data sources including MySQL, Oracle, SAP, PostgreSQL, Snowflake, Kafka, and SharePoint, with hands-on migration to GCP.
- Utilized Monitoring Tools such as Grafana and Prometheus to analyze lags between Kafka and Confluent layers.

Education

- **Master of Computer Applications - 2020**

Vivekanand Education Society's Institute of Technology, Mumbai.

- **Bachelor of Science(Computer Science) - 2017**

SIES College of Arts, Science and Commerce, Mumbai.

Certifications:

- Associate Cloud Engineer Certified.
- DBT Fundamentals
- DBT Macros|Packages|Advanced Materializations.