

Aarush Dureja

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Summary

Data Engineer with 5 years of experience worked in major deliveries on data migration projects in Consumer Goods & Services industry & Retail Pharmaceutical Industry adhering Agile development practices having certification on Google Cloud Platform.

As a Data Engineer, I specialize in designing and implementing scalable and efficient data systems that enable organizations to store, process, and analyze large volumes of data that helps organization in taking business decisions.

Experience

Accenture Solutions Pvt Ltd | Gurugram, Haryana

Data Engineering Senior Analyst [American FMCG Client] | 04/2021 - Present

- Responsible for data migration from on-premises Hadoop to GCP by migrating Hive, Impala Scripts to GCP reducing code redundancy and implementing reusable components in code.
- Lead a team of data engineers to adhere best practices for Pod's and acted as SME to form a new team.
- Worked closely with Client SME's/Product Owners to understand end-to-end flow from data ingestion using Talend till visualization dashboards to prepare Solution and Data Modelling documents.
- Worked closely with Data Architects and Data Governance members for Data Management Plan and governance approvals.
- Developed Batch scripts for modelled tables and implemented automation using Composer DAG i.e. configuration driven scheduled pipelines.
- Build ETL/ELT pipeline by migrating Hadoop system with the GCP services and Talend cloud to form a coherent ETL/ELT system that helps to load data into GCP Bigquery tables & model further as per business requirements.
- Involved in performance optimization of batches to meet the SLA.
- Responsible for Data Quality setup for pipelines ensuring only quality data reaches to final models.
- Utilized Jenkins for code deployment and supported pre and post production activities.
- Worked on maintaining essential metadata for final models using Data Governance tool like Alation.

Tata Consultancy Services Ltd | Noida, Uttar Pradesh

Data Engineer/Analyst | 09/2018 - 03/2021

- Worked as ETL Big Data Developer for business critical application that maintained finances of the company.
- Analyzed data patterns and client databases/data warehouse for building generic and consistent logic along with that parallelly worked with stakeholders for requirement gathering and Mapping specifications.
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- Developed generic ETL pipelines to perform high volume data extraction, transformation and loading.
- Involved in performance optimization to increase query performance utilizing Bigdata capabilities in Talend.
- Utilized Pyspark for setting up pipelines for extremely huge data volume extraction and manipulation to push data to various platforms for Reporting.

Skills

Google Cloud Platform Services, BigQuery, Google Cloud Composer (Airflow), Talend Cloud, Oracle, SQL, Python, Git, Azure Devops, PubSub

Education

Chandigarh Engineering College | Mohali, Punjab

Computer Science & Engineering | 06/2018

8.1 CGPA

Certificates

GCP Certified Associate Cloud Engineer Dec-2025