Name: Abhinav Rayajirao Jadhav

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Experience Summary

Data Engineer with 3+ years of experience on Google Cloud Platform (GCP), specializing in data migration and ETL/ELT pipeline development using BigQuery, Airflow, Python, and SQL. Skilled in workflow automation, and performance optimization, with strong expertise in data validation, advertising analytics, fraud detection, and campaign performance measurement. Experienced in Agile methodologies, cross-functional collaboration, and delivering high-quality projects on time with measurable business impact.

Total Industry Experience: 3 Years & 10 Months

Technical Skills

Python Packages	Numpy, Pandas
Cloud Services	Google Cloud Platform (Cloud Composer, BigQuery, Cloud Storage)
Programming Language	Python, SQL
Database	MYSQL
BI Tools	Power BI, Tableau
Version Control	Git, GitHub

Education

Bachelor of Engineering (BE)	Electronics & Telecommunication
HSC	Science

Projects Details

Project 1	
Title	Double Verify
Role	Data Engineer
Duration	Feb 2025 to May 2025
Tools and Technologies used	Python, SQL
Project Description: Developed and optimized scalable ETL pipelines using BigQuery, Airflow, and Python to enable real-time ad analytics, fraud detection, and brand safety for DoubleVerify.	
Responsibility: • Supported and improved ETL pipelines handling large-scale advertising data, delivering reliable and timely insights for campaign tracking and validation. • Developed enhancements in data workflows to meet business needs such as advertisement fraud prevention, performance monitoring, and brand safety reporting. • Partnered with analysts and product teams to strengthen data quality and streamline pipeline orchestration with Airflow DAGs . • Tuned BigQuery queries and optimized Python-based processes to boost efficiency and reduce overall infrastructure costs.	

Project 2	
Title	Abinitio Rewrite
Role	Data Engineer
Duration	April 2024 – Feb 2025
Tools and Technologies used	Python,SQL
Project Description: Migrated data pipelines from Ab Initio to GCP by automating file ingestion with Cloud Composer, transforming data, and loading it into BigQuery with downstream outputs in GCS.	
Responsibility: • Designed and developed automated data pipelines to ingest files from Google Cloud Storage (GCS) and orchestrate processing using Cloud Composer (Airflow). • Implemented data transformation and splitting logic to convert raw files into multiple structured records for efficient processing. • Built workflows to load transformed data into BigQuery and generate JSON outputs stored in GCS for downstream applications.	

Project 3	
Title	Rubric Rapid – Data migration
Role	Data Engineer
Duration	Sep 2023 – April 2024
Tools and Technologies used	GCP, BigQuery, Airflow, Python, SQL

Project Description:
Migrated on-premise ETL pipelines to Google Cloud Platform (GCP) by automating ingestion, transformation, and loading processes using Cloud Composer (Airflow), BigQuery, and Python. Enabled scalable, efficient, and cost-optimized data workflows with downstream outputs in GCS.

Responsibility:

- Developed and maintained automated ETL workflows on GCP to ingest, process, and orchestrate data pipelines using Cloud Composer (Airflow), BigQuery, and Python.
- Transformed and structured raw datasets to prepare them for analytics and downstream reporting.
- Managed data loading into BigQuery and created output files in GCS to support downstream applications and analytics.
- Optimized pipeline performance and migration processes to ensure scalability, reliability, and efficiency in the modernized cloud environment.

Project 4	
Title	Retail Sales Data Pipeline & Analytics Platform
Role	Data Engineer
Duration	Jan 2022 – Sep 2023
Tools and Technologies used	GCP, BigQuery, Airflow, Python, SQL

Project Description:
Developed and optimized scalable ETL pipelines using BigQuery, Airflow, and Python to process retail sales and inventory data, enabling near real-time insights into sales performance and customer behavior. Automated ingestion from multiple sources, optimized queries for cost efficiency, and collaborated with analysts to deliver reliable datasets for sales trend and inventory analysis.

Responsibility:

- Designed and maintained efficient data pipelines to process large-scale retail sales, inventory, and customer data, enabling accurate and timely business insights.
- Enhanced ETL workflows to support key retail use cases including demand forecasting, promotion analysis, and store performance tracking.
- Collaborated with analytics and operations teams to improve data quality, reliability, and automation through Airflow-based orchestration.