

DEVESH SUNIL WADHWANI

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OBJECTIVE

- Entry-level Machine Learning Engineer with 1+ year of data engineering experience. Skilled in Python, SQL, Pandas, and BigQuery. Seeking to apply ETL and basic ML techniques to build recommendation and reporting solutions.

TECHNICAL SKILLS

- **Languages:** Python, SQL, Bash
- **Data Processing:** Pandas, NumPy, PySpark (basic), Apache Airflow
- **Machine Learning:** scikit-learn (regression, classification), basic model evaluation
- **Cloud & Data Platforms:** GCP (BigQuery, Cloud Storage), AWS (S3), Databricks (familiar)
- **ETL:** Writing SQL transforms, designing simple pipelines, scheduling jobs in Airflow
- **Databases:** PostgreSQL, MySQL
- **Tools:** Git, Docker (basic), Looker Studio, Agile/Scrum

EXPERIENCE

Accenture

Sep 2024 – Present

Packaged App Development Associate

- Built ETL pipelines using Python to extract event data from Cloud Storage, transform with Pandas/SQL, and load into BigQuery for reporting.
- Configured Airflow DAGs to schedule daily data ingestion jobs and automated monitoring alerts.
- Created BigQuery tables and wrote optimized SQL queries for internal dashboards, improving report generation time by 3×.
- Assisted in setting up basic IAM roles for secure access to GCP resources.

Persistent Systems

Mar 2023 – Jun 2023

Software Engineering Intern

- Supported data ingestion jobs in PySpark to clean and normalize system health logs into a PostgreSQL warehouse.
- Developed SQL scripts to join and aggregate source tables for usage reports; created Looker Studio dashboards for stakeholders.
- Participated in CI/CD workflow setup using GitHub Actions for testing ETL jobs.

PROJECTS

Movie Recommendation System *Python, scikit-learn, Pandas, Streamlit*

May 2025

- Built a simple user-based collaborative filtering model on the MovieLens dataset to suggest movies based on user ratings.
- Evaluated model performance using mean squared error and implemented a basic Streamlit interface for demo.
- Wrote Python scripts to preprocess data and generate recommendation lists; used Pandas for data manipulation.

ETL Pipeline for Customer Analytics *Python, SQL, BigQuery, Airflow*

Apr 2025

- Designed a pipeline to ingest CSV sales data, clean using Pandas, and load into BigQuery tables.
- Scheduled daily ingestion jobs in Airflow; wrote SQL to aggregate monthly sales metrics.
- Created Looker Studio dashboards for visualizing sales trends and key performance indicators.

ETL Pipeline for Customer Analytics *Python, SQL, BigQuery, Airflow*

Apr 2025

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EDUCATION

B.Tech in Computer Science & Engineering

2020 – 2024

Shri Ramdeobaba College of Engineering and Management, Nagpur

CGPA: 8.55/10

CERTIFICATIONS & ACTIVITIES

Google Cloud Certified — Associate Cloud Engineer

- Verified skills in deploying and querying data pipelines on GCP (BigQuery, Cloud Storage).
- Familiar with IAM configuration and basic GCP services.

PCAP: Programming Essentials in Python | Cisco Networking Academy

- Demonstrated proficiency in Python fundamentals and data structures.