

ANIRUDDH DESHMUKH

DATA ENGINEER (GOOGLE CLOUD CERTIFIED)

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SUMMARY

Result-oriented passionate professional seeking a position in an organization, leveraging my skills and knowledge to contribute to the overall growth and development of the company. Committed to continuous improvement, aim to enhance abilities while making valuable contributions toward organizational success.

WORK EXPERIENCE

June 2022 – Present

Data Engineering Analyst at Accenture Solutions Pvt Ltd

VMO2 Evolve Transformation (Telecom Project) -

- Revamped and executed a Metadata Driven **Ingestion framework** utilizing **Apache NiFi, Apache Hive and Hadoop** to process **structured data** from diverse sources like oracle, Relational databases, efficiently handling 100 million records thus Process Improvement by 45%.
- Developed and design a Metadata Driven **Outbound Framework** to ensure data integrity and facilitate seamless transfer to downstream systems using **Apache NiFi, Apache Hive and Hadoop**, while generating appropriate files which reduced 30% of the time by generating parallelly.
- Applied **automation** of recurring tasks through the implementation of **Shell script**, resulting in a remarkable **decrease in time of 20 hrs. per week**.
- Devised an innovative **unstructured data ingestion framework** leveraging **Google Cloud Composer** and **Airflow Python DAGs**, empowering streamlined data processing and storage in **Google Cloud Storage**, integrated with **Cloud SQL** Auditing, and also improvised the processing speed by 20%.
- Implemented **Composer-based Structured Ingestion** framework with **Airflow Python DAGs**, converting 150 ORC files to Parquet format, while creating 150+ partitioned BigQuery tables with Cloud SQL audit logging by eliminating the human efforts by more than 80%
- Implemented **Composer-based SQL to BigQuery** framework with **Airflow Python DAGs** to automatically run the **SQL** file in BigQuery with **Cloud SQL audit logging**.
- Implemented **Composer-based GDPR** technology framework with **Airflow Python DAGs** to perform GDPR activity on **BigQuery** tables whenever customer raises deletion request.
- Executed more than 10 deployments and troubleshooting multiple production fixes.
- **Managed a team** of 3 full-time employees and worked closely with project managers and analysts on a regular basis.

May 2021 – June 2022

Application Development Associate at Accenture Solutions Pvt Ltd

VMO2 Evolve Transformation (Telecom Project) –

- Engineered and executed cutting-edge **Streaming Ingestion Frameworks**, employing **Apache Kafka, Apache NiFi**, and **Apache Hive**, to seamlessly

EDUCATION

B.E (Information Technology)

D.Y Patil College of Engineering Pune.

July 2016 – July 2020

ISC (Higher Secondary School)

Gokuldhham High School, Mumbai.

April 2014 – April 2016

ICSE (10th)

Ryan International School, Mumbai.

June 2013 – June 2014

SKILLS

- **BIG DATA FRAMEWORKS:**
APACHE HADOOP, APACHE NIFI, APACHE HIVE, GOOGLE BIGQUERY, AIRFLOW, CLOUD COMPOSER, CLOUD SQL, MYSQL, POSTGRESQL, GCP, ETL
- **DATABASE TOOLS:** MYSQL WORKBENCH, DBEAVER, DATA ANALYTICS STUDIO.
- **PROGRAMMING LANGUAGES:**
PYTHON, JAVA, SHELL, UNIX
- **CONTROL SYSTEM & DOCUMENTATION:**
CONFLUENCE, JIRA, ALM, BMC REMEDY, GITLAB
- **OPERATING SYSTEM:**
WINDOWS AND LINUX
- **SOFT SKILLS:** HIGH ANALYTICAL SKILLS, FLEXIBLE, QUICK LEARNER, DECISION MAKING, PROBLEM SOLVING

handle millions of unstructured streaming data from 9 distinct primary sources and also tuned the framework to increase the performance by 30%.

- Devised and deployed an automated **ETL workflow** capable of efficiently processing millions of data rows, leading to a remarkable **time reduction of 30 manual hours per month.**
- Achieved multiple accolades and was bestowed with the prestigious **Accenture Celebrates Excellence award** in the Growth Catalyst category, recognizing outstanding contributions.

ACHIEVEMENTS

- **Accenture Celebrates Excellence Award (06/2022)** - Received multiple recognitions and was honored with the Accenture Celebrates Excellence award in the Growth Catalyst category.
- **Kudos Recognition (December 2021)** - Received kudos recognition
- **Trained in Informatica PowerCenter**
- **Trained in Big Data & Data Analysis**

PERSONAL PROJECTS

Health Care Support System using data mining February 2020 - July 2020

- The project was designed to improve communication between doctors and patients with the facility to consult a doctor through the web application which would lessen the time by 40% for both to connect.
- Developed a Machine Learning model Accuracy score of 82% for performing predictive analysis on the symptoms and disease dataset and provide the suggested diseases for the possible symptoms.

SKILLS, LEADERSHIP SKILLS,
COMMUNICATION SKILLS,
COLLABORATIVE TEAM MEMBER

CERTIFICATES

- **GOOGLE CLOUD PLATFORM**
GOOGLE CLOUD CERTIFIED
ASSOCIATE CLOUD ENGINEER -
(DECEMBER 2022)
 - **MICROSOFT MTA**
MICROSOFT MTA SECURITY
FUNDAMENTALS CERTIFIED -
(DECEMBER 2019)
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