

Niti Gupta

Senior Consultant

Profile

Niti is a result-oriented Google Certified Professional Data Engineer with over 14 years of experience in Data Analysis, Data Modelling, Design, Development and Implementation of Data Warehouse and Data Migration in the Banking, Insurance, Telecom and Retail Domains.

Niti also has full SDLC lifecycle experience using various data engineering tools. An expert in Google Big Query, Apache Airflow Dag, Python, GCS, Ab Initio, Collibra, Certified Alteryx Designer and Databases Teradata/Oracle SQL, Microsoft SQL server management, UNIX, KRM and QRM Risk Engines, Control Centre, AutoSys and Oracle UIM solution. Sound knowledge on Talend, Informatica and reporting tools Tableau.

Key Skills & Technologies

- Google Cloud Platform
- Data Engineering
- Data Modelling
- Data Analytics
- Data Warehousing
- Data Migration
- Data Visualisation
- Data Governance
- Agile Project Delivery
- Quality Assurance
- SDLC
- Stakeholder Management
- Python
- SQL
- Unix
- Tableau
- Snowflake
- Collibra
- Apache Airflow
- Teradata
- Jira
- ETL
- Shell Scripting
- Github
- Oracle

Consultant Profile

Selected Project Experience

Large Australian Retail Corporation – Data Engineer

- The data integration team had no set guidelines for API Data Ingestion which lead to longer development times for pipelines, along with challenging maintenance of their code
- Analysed the requirements and prepared a recommendation pack with the optimum solutions
- Discussed the pros and cons of each solution and provided the results from the POCs
- Created a YAML configuration driven by a Python framework to ingest data from API's and to data sink in Google Cloud Platform
- Created the automatic unit test script for testing the framework

Major Australian Supermarket – Data Engineer

- Migration project, where existing reports reside in SAP and now need to be sourced from all new google cloud-based solution
- Created data pipelines using Google cloud components like Big Query, Cloud Function, Cloud scheduler, Cloud Composer, Apache airflow DAG
- Created visualisation using Tableau
- Liaised with business to fine tune the requirements and convert them in a working solution
- Worked on solution of Net Working Capital, increasing it by 4% YoY and Account Payables by 30%
- Created an in-house solution for a compliance project, Saving ~\$7 Mil

Big 4 Australian Bank – Data Engineer

- Project vision was to shut down the current SAP BW ETL system which sources the Store Central reports and redirect the source as GCP. The direct benefits include cost saving of maintaining the additional system along with the better availability of data
- Handled build work and coordination with business analysts and SME to understand the project requirements
 - Generated high- and low-level design documents
 - Created data pipelines using Google cloud components
 - Writing of cloud functions to process this data to convert into readable form for cloud API's to read and process for upstream
 - Writing of DAG's on Apache Airflow to run the transformation
 - Saved ~\$1Mil by reducing the overhead to maintain the existing BW system
 - Writing Complex SQL in Big-Query to extract the data from GCP
 - Migrating the code from dev to UAT to Prod using CI-CD



Industry Experience

Financial Services

Big 4 Bank

Insurance

Telecommunications

Retail

Certification

Google Cloud Platform –
Certified Data Engineer

Alteryx – Certified Solution
Designer

Databricks -
Fundamentals
Certification

Alation – Certified Alation
Professional &
Implementer

Bachelor – Technology,
Computer Science
Cochin University, India

