Raj Kumar Maurya

GCP Data Engineer

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ABOUT

Experienced GCP Data Engineer with 3+ years of hands-on expertise in designing and maintaining end-to-end data pipelines on Google Cloud Platform (GCP). Proficient in Python, SQL, Pyspark, with a strong command of GCP tools such as Cloud Dataflow, Cloud Function, PubSub, BigQuery, and Google Cloud Storage. Analytical problem-solver and quick learner, adept at driving innovative solutions in the realm of data engineering.

EXPERIENCE

Accenture Solution Ltd – Pune
oct -2024 – Present
GCP Data Engineer

- Worked on a Dataproc PoC that reads data from Google Cloud Storage (GCS) and writes it to BigQuery.
- Developed a Cloud Composer PoC that reads data, applies transformations, and writes the results to BigQuery.

Infosys Ltd, –Chandigarh
Sep 2021 –Oct 2024
GCP Data Engineer

Responsibilities
- Took ownership of the data ingestion process, reducing downtime by 20%.
- Designed and implemented ETL processes, processing over 5 TB of data weekly using GCP tools .
- Developed data pipelines with BigQuery, Dataflow, ,Cloud Function,Cloud Storage, and Python, improving data processing speed by 30%.
- Created stored procedures in BigQuery, reducing data transfer times by 15%.
- Ensured 99.9% data consistency by integrating data from multiple systems.
- Developed a Data Quality Framework using PySpark, Dataproc, BigQuery, resolving 95% of data discrepancies.
- Led a historical data migration of 10 TB, reducing storage costs by 25%.
- Optimized data processing workflows, improving performance by 20% and reducing cloud costs by 15%.
- Collaborated with clients, increasing satisfaction by 30%.
- Led a team of 3 junior engineers, increasing project delivery speed by 40% and processing over 1 million records daily.

EDUCATION

Dr.APJ Abdul Kalam Technical University, Lucknow — *B.Tech* | *July* 2017 – Aug 2021
- Major: Information Technology

SKILLS

Programing:
- Python
- SQL
- Pyspark

Cloud platform:
- Google cloud platform,
- Bigquery,
- DataFlow,
- EventBased cloud Functions,
- Pub-Sub ,
- Cloud Storage ,
- Firestore,
- gcloudCLI,
- Dataproc
Cloud Composer

Other Tech:
- Unix Shell Scripting,
- GIT
- GITHUB

Development Methodology :
- **Agile Development**

CERTIFICATES

- Google Certified Professional Data Engineer
- Infosys Certified Python Programmer
- Infosys Certified Google cloud Architect Professional
- Infosys Certified MYSQL Associate
- Infosys Certified Google associate Cloud Engineer
- Infosys Global Agile Developer Certification
- AZ-900 Microsoft Azure Fundamentals
- DP-900 Microsoft Data Fundamentals

LANGUAGES

English ,Hindi – All professional level