



**DEBRAJ RAY**

**PS No: 10709135**

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| **Experience Summary** | | | | |
| * Having good knowledge of **Bigquery**, **Teradata**, **Scripting** **language** (**Python**, shell script). * Worked on building python scripts for Migration project from Teradata to Bigquery. * Have good problem-solving and communication skills. * Team player. * Touch-typing (52 wpm). * Have completed the tasks assigned on time. * Total Experience: 1+ years. | | | | |
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| **Skills Summary** | | | | |
| **Domain** | | DATA ENGINEERING | | |
| **Programming Languages** | | PYTHON, C++ | | |
| **Tools / DB / Packages / Framework / ERP Components** | | BIGQUERY, TERADATA, PANDAS | | |
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| **Professional Certifications/ Trainings** | | | | |
| * Google cloud certified professional data engineering Course – in progress. * Generative AI: a primer for beginners (2024) * A complete course on python and data structures (Udemy) (2019). * A course of IT Automation - in progress. | | | | |
| **Work Experience** | | | | |
| **Project 1** | | | | |
| Project Name | Aptiv-EDW Cloud | | **Team Size** | 50-70 (approx.) |
| **Start Date** | September 2022 | | **End Date** | December 2023 |
| **Project Description** | A migration project from Teradata, Informatica to Google cloud Bigquery. | | | |
| **Role & Contribution** | * Worked on building python scripts for:   + Building Connection page for GCP service account using json key.   + Running and executing tasks in Bigquery through service account.   + DDL conversion from Teradata to Bigquery.   + Connect to Google cloud storage for file handling.   + Converting Informatica XML to Bigquery stored proc.   + Schema validation between Teradata and Bigquery.   + Data validation between Teradata and Bigquery. * Converting procedures from Teradata to Bigquery. * Worked on building shell scripts for extracting data from Teradata through TPT. | | | |
| **Technology & Tools used** | Python, Pandas, Numpy, TeradataSQL, pandas-gbq, Teradata, Bigquery, CSV, Excel, XML, json. | | | |
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| **Educational Qualification** | | | | |
| **Education & Credentials** | B.Tech – Electrical Engineering. | | | |
| **Institute** | National Institute of Technology, Agartala | | | |
| **Batch** | 2018-2022 | | | |
| **CGPA** | 8.77 | | | |