

MANOJ MAHAWAR

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EXPERIENCE

Lloyds Technology Center

2024, Oct – Present

Data Engineer

Hyderabad, India

- Designed Dynatrace dashboards using custom/predefined metrics, mapped Perso Core workflows, and integrated **BigQuery** and **Cloud Composer** for end-to-end monitoring of target tables.
- Utilized **Denodo** to transform and sync **GCP** data with **GDW(Group Data Warehouse)**, building derived views to ensure consistency before finalizing refined data in GDW.

Zee Entertainment Enterprise Limited

2023, June – 2024, April

Associate Data Engineer

Bengaluru, India

- Migrated AWS EMR, DataBricks and GCP DataProc pipelines to BigQuery engine, thereby increasing readability and extensibility by **20%**.
- Distributed over **2.5PB** of data spanning across **2500+ tables** to various team lead projects in GCP.
- Designed and implemented various Python pipelines to extract data from APIs and stored it in BigQuery.
- Utilized Terraform to create multiple Google Cloud Storage (GCS) buckets and BigQuery tables. Implemented service account level bindings across various projects.
- Designed automated archival policies to **nearline storage** and streamlined daily data workflows by auto-extracting dates from folder titles for download/upload processes.

Suvidha Foundation

2022, July – 2022, Sept

Software Engineer - Intern

Nagpur, India

- Implemented **MVC architecture**, ensuring clear separation of concerns between data Model, user interface (View), and application logic (Controller).
- Developed the website's front end using JavaScript and CSS, and successfully deployed it on **Netlify**.

EDUCATION

Indian Institute of Technology Dharwad

2019 – 2023

Bachelors of Technology in Electrical Engineering

Dharwad, India

PROJECTS

SQL Data Warehouse | SQL, MySQL

- Designed and implemented a modern data warehouse using the Medallion Architecture (**Bronze, Silver, and Gold layers**) in MySQL, optimizing data processing and enhancing analytics capabilities.
- Built ETL pipelines to extract, transform, and load data from **ERP** and **CRM** systems, ensuring data quality, integration, and availability for business intelligence reporting.

Uber Data Pipeline | Python, SQL, GCP, Looker, Mage.ai

- Designed and implemented a scalable ETL pipeline for Uber trip data using Mage, GCP Storage, Compute Instance, and BigQuery, optimizing data ingestion and transformation.
- Developed automated data workflows leveraging Mage.ai to process and analyze large-scale TLC trip records, integrating Looker Studio for dynamic reporting and visualization.

TECHNICAL SKILLS

Languages: Python, PySpark, SQL, NoSQL, C++

Developer Tools: Attacama, Denodo, Dynatrace, Power BI, Looker, Excel

Technologies/Frameworks: GCP, Apache Spark, Airflow, MySQL, Hadoop, Data Warehouse, ETL, Numpy, Pandas, Git/Github, MongoDB, Jupyter Notebook, ReactJS

Others: VsCode, Windows

CERTIFICATIONS

- Associate Cloud Engineer
- Professional Data Engineer
- PySpark
- Data Analyst
- React JS