

ABY CYRIAC

806 Bering Drive, Arlington, TX - 76013 | +1 (430) 280-9738 | abycyriac96@gmail.com | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

PROFILE

Data engineer with multi-cloud experience (AWS and GCP), strong communication, and interpersonal skills. I am actively seeking an opportunity to demonstrate my data engineering skills in a growing company looking to effectively utilize their data to provide statistical information more adeptly to their clientele. Open, flexible, and enthusiastic to adapt to new technologies. Best suited for a challenging position demanding technical expertise and management skills. **US Permanent Resident (Green Card) and willing to relocate within the USA or work remotely.**

EXPERIENCE

Bayer, St. Louis, MO

Data Engineer, Consultant

April 2022 - Present

- Create CI/CD pipelines between AWS S3 bucket and GCP BigQuery using Python and SQL
- Create streaming pipelines using Kafka to load data to BigQuery
- Increased the efficiency of existing pipelines by 20% - 30 % which saved costly server runtime
- Debug complex bugs in large-scale pipelines and increase the accuracy of the data being delivered
- Use Git and GitHub for version control & project tracking
- Act as a liaison between the stakeholders and the data engineering team to derive the requirements for new data pipelines

ADT, Irving, TX

Senior Analyst

August 2021 - January 2022

- Designed database on GCP BigQuery that helps the team to build reports more efficiently
- Migrated data from Oracle database to BigQuery which improved the PowerBI dashboard/report loading time by 60%
- Maintained data warehouse on BigQuery by developing highly efficient data pipelines
- Created dashboards using PowerBI, Tableau, SQL, BigQuery, and Oracle
- Bridge the gap between the technical experts and the executive board members by presenting the intelligence derived from real-life data to the stakeholders using insightful dashboards

Trane Technologies, Tyler, TX

Control Diagnostics Algorithm Engineer, Co-op

February 2021 - August 2021

- Created ML models to predict the filter change of the HVAC systems using Python and TensorFlow
- Maintained data warehouse using Alteryx, SQL, Python, Snowflake, and Vertica.
- Made insightful custom visualization using Tableau, Vertica, Python, SQL, and Alteryx.
- Actively participated in the Scrum meeting and followed Agile methodology

EDUCATION & CERTIFICATIONS

Master's Degree, Computer Science

June 2019 - December 2021

University of Texas, Arlington, TX

GPA: 3.8

Bachelor's Degree, Mechanical Engineering

July 2014 - May 2018

TKM College of Engineering, Kerala, India

DBT Fundamentals

January 2022

Alteryx Designer Core

May 2021