

ABY CYRIAC

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PROFILE

Experienced data analyst with strong leadership, 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

ADT, Irving, TX

Senior Analyst

August 2021 - January 2022

- Actively conduct meetings with different stakeholders to design the data warehouse on Snowflake and maintain it using CI/CD pipelines (Snowpipe) to ingest data from AWS S3 bucket with low latency
- Design database on GCP BigQuery that helps the team to build reports more efficiently and with simpler SQL queries
- Create insightful data visualizations using different BI tools like Looker, Tableau, and Power BI
- Use Alteryx to load data to the BigQuery from on-prem Oracle database and transform it using dbt(ELT)
- Create and maintain documentation for the database on BigQuery using dbt
- Helped the team to transfer existing reports in PowerBI to Tableau and tweaked SQL queries which reduced the report load time by approximately 25%
- Make custom visualization using Python, Seaborn, and Matplotlib in PowerBI

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 on Azure using Databricks (PySpark and Apache Spark) and Data Factory
- Maintained data warehouse on Vertica database using SQL, Alteryx, and Python
- Actively participated in the Scrum meeting and followed Agile methodology

Labeaud Labs, Dallas, TX

Data Analyst Intern, Team Lead

May 2020 - August 2020

- Lead a team of five to implement Tableau dashboards by querying data from MySQL, PostgreSQL, etc.
- Process petabytes of data using Hadoop, Hive, AWS EMR, AWS S3, Lambda, Glue, and PySpark for making it easy for other analysts to build dashboards
- Bridge the gap between the technical experts and the executive board members by presenting the intelligence derived from real-life data to the company through dashboards

EDUCATION & CERTIFICATIONS

Master's Degree, Computer Science

June 2019 - December 2021

University of Texas, Arlington, TX

GPA: 3.8

Projects: Deployed Web Apps created using Python, Django, Flask and JavaScript on AWS, Azure and GCP.

Bachelor's Degree, Mechanical Engineering

July 2014 - May 2018

TKM College of Engineering, Kerala, India

DBT Fundamentals

January 2022

Alteryx Designer Core

May 2021