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 science 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.**

EXPERIENCE

ADT, Irving, TX
Senior Analyst   August 2021 - Present
- Actively conduct meetings with different stakeholders to design new data pipelines and to increase the performance of existing ones
- Designed a new database in Oracle that helps the team to build reports more efficiently and with simpler SQL queries
- Use Alteryx for ETL and to create workflows to load Big Data to the Data Warehouse in GCP
- Helped the team to transfer existing reports in PowerBI to Tableau dashboards and tweaked SQL queries which reduced the data pull time of Big Data by approximately 25%

Labeaud Labs, Dallas, TX
Data Analyst, Consultant   August 2020 - Present
Data Analyst Intern, Team Lead   May 2020 - August 2020
- I am leading a team of five to implement Tableau dashboards and reports for the client's boiler plants
- Created dashboards that can be used easily to monitor the daily status and natural gas usage by the boilers in multiple locations across Texas using Python, SQL, and Tableau
- Bridged the gap between the technical experts and the executive board members by presenting the intelligence derived from real-life data to the company through PowerPoint slides

Trane Technologies, Tyler, TX
Control Diagnostics Algorithm Engineer, Co-op   February 2021 - August 2021
- Created a neural network model to accurately predict the filter change in the HVAC units using TensorFlow
- Created machine learning models to predict the cooling capacity for HVAC units using Python and Alteryx
- Analyzed big data over a live connection to Vertica database and made dashboards using Tableau and SQL
- Actively participated in the scrum meeting and used the Jira dashboard for project tracking

EDUCATION

Master's Degree, Computer Science   June 2019 - December 2021(expected)
University of Texas, Arlington, TX
GPA: 3.8
Projects: Deployed Web Apps and Data Analysis Dashboards on Amazon Web Service (AWS).

Bachelor's Degree, Mechanical Engineering   July 2014 - May 2018
TKM College of Engineering, Kerala, India

TECHNOLOGIES: Python, Jupyter, ETL, Data Warehousing, GCP, BigQuery, SQL, Tableau, Statistics, MS PowerBI, Alteryx, Agile, Machine Learning, Deep Learning, Oracle, Snowflake, AWS, MySQL, NLP, TensorFlow, Numpy, Probability, Pandas, Django, Flask, Scrum, Excel, Java, Javascript, CSS, SQLite, C++.