Eric Flynn

Data Engineer

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SUMMARY

Highly motivated Engineer with 2+ years of experience implementing data-driven solutions. Skilled in data modeling, ETL development, and data visualization. Capable of leading complex projects and facilitating cross-functional collaboration between technical and non-technical stakeholders. A quick learner committed to keeping up-to-date with the latest technologies in cloud computing, AI-assisted programming, and data analytics.

WORK EXPERIENCE

1-800-Flowers.com Inc.   **Jericho, NY**

A network of 10+ subsidiaries which form the leading floral and gifting conglomerate in the continental United States

Manager, Business Analytics   **06/2023 - Current**
- Own the business analytics and reporting division of the direct ship operation
- Revamp existing reports from SAS/Excel to Snowflake/Tableau

Kiss Products Inc.   **Port Washington, NY**

Worlds leading supplier of artificial nails, press on nail manicure kits, and false eyelashes; available in over 100 countries

Senior Business Analyst   **08/2022 - 06/2023**
- Managed a team of three analysts tasked with the development of corporate-level BI initiatives
- Translated various business-oriented requirements from cross-functional teams into technical solutions
- Operated as a primary liaison between business stakeholders and IT system administrators
- Designed, implemented, and maintained ETL pipelines in a self-managed Apache Airflow environment

Junior Supply Chain Analyst   **04/2021 - 08/2022**
- Delivered 10+ Power BI dashboards providing strategic insights into Supply Chain operation
- Continuously evaluated inventory outlook and performed actions to reduce backorders and combat overstock

NOTEWORTHY PROJECTS

E-Commerce Data Centralization - Kiss Products   **03/2023 - 06/2023**

Proof of concept project aimed to consolidate various third party data sources into one centralized data warehouse
- Leveraged Fivetran ETL provider to establish automated data pipelines from 5+ data sources into Google Big Query
- Provided budget and manpower estimates for future production system implementation

Big Data & AI Architecture - Kiss Products   **11/2022 - 06/2023**

Coporate-level initiatve to introduce big data architecture and machine learning capabilities
- Aggregated interdepartmental stakeholder requirements to devise a corporate-level big data architectural design plan
- Evaluated multiple cloud-based data providers based on their ability to meet technical company demands

Inbound Logistics Data System Redesign - Kiss Products   **01/2022 - 08/2022**

Architectural redesign of the inbound logistics data system to increase ASN accuracy
- Redesigned the data model for inbound logistics to allow for near-real time GPS tracking of inbound containers
- Architected an ETL pipeline which joined data from multiple external REST APIs with internal datasets using Python and Microsoft SQL

EDUCATION

Binghamton University, State University of New York - Watson School of Engineering

BS & MS in Industrial and Systems Engineering, 4+1 Accelerated Masters Program

SKILLS

General: AI-Pair Programming, Cloud Computing, Data Engineering, Data Visualization, DevOps, Project Management

Technical: AWS, Apache Airflow, ChatGPT, Docker, Git, GitHub Copilot, Google Analytics, Google Big Query, JavaScript, Linux, Power BI, Python, Snowflake, SQL, Tableau

CERTIFICATIONS

AWS Solutions Architect (Associate), Databricks Lakehouse Fundamentals, Lean Six Sigma Green Belt