

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 and data.

WORK EXPERIENCE

Kiss Products Inc, Port Washington, NY

Worlds leading supplier of artificial nails, press on nail manicure kits, and false eyelashes

Senior Business Analyst

08/2022 - Present

- Manage a team of 3 analysts tasked with the development of corporate-level BI initiatives
- Translate various business-oriented requirements into technical solutions
- Operate as a primary liaison between business stakeholders and IT system administrators
- Design, implement, and maintain 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 react to changes in demand

NOTEWORTHY PROJECTS

Big Data & AI Implementation - Kiss Products

11/2022 - Present

Corporate-level initiative to introduce big data architecture and machine learning capabilities

- Aggregate interdepartmental stakeholder requirements to devise big data architectural design plan
- Evaluate cloud-based data providers based on their ability to meet technical company demands

Power BI Administrator Dashboard - Kiss Products

03/2023 - 04/2023

Dashboard that analyzes Power BI audit logs across the entire tenant

- Constructed an ETL pipeline from the Power BI REST API to Microsoft SQL using Python
- Visualized corporate-level audit logs in Power BI to track report utilization and monitor access control

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
- 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: Cloud Computing, Data Engineering, Data Visualization, DevOps, Project Management

Technical: AWS, Apache Airflow, Docker, Git/GitHub, JavaScript, Linux, Nginx, Power BI, Python, SQL

CERTIFICATIONS

Lean Six Sigma Green Belt, AWS Cloud Practitioner, AWS Solutions Architect (Associate)