Eric Flynn

Data Engineer

Long Island, NY • ejflynn27@gmail.com

www.linkedin.com/in/eric-flynn- • *https://medium.com/@ericfflynn* • *https://github.com/ericfflynn*

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

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 three analysts tasked with the development of corporate-level BI initiatives
- Translate various business-oriented requirements from cross-functional teams 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 to reduce backorders and combat overstock

NOTEWORTHY PROJECTS

Big Data & AI Implementation - Kiss Products   **11/2022 - Present**
Coporate-level initiatve to introduce big data architecture and machine learning capabilities
- Aggregate interdepartmental stakeholder requirements to devise a corporate-level 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 Microsft SQL using Python
- Visualized corporate-level audit logs in Power BI to track report utilization and monitor access control

Fitness Dashboard - Personal Project   **10/2022 - 01/2023**
Web application designed to visualize personal Apple Watch fitness data and tag workout sessions
- Devised a fully automated, cloud-based ETL pipeline from Apple Health to AWS MySQL database
- Visualized fitness trends in a Streamlit application hosted on AWS EC2, fronted by Nginx
- Enabled CRUD operations on MySQL database to tag workouts

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: AI-Pair Programming, Cloud Computing, Data Engineering, Data Visualization, DevOps, Project Management
Technical: AWS, Apache Airflow, ChatGPT, Docker, Git, GitHub Copilot, JavaScript, Linux, Power BI, Python, SQL

CERTIFICATIONS

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