

JACKSON HOYT

Data and Software Engineering

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EXPERIENCE

Sr Manager II, Advanced Analytics

// Walmart

📅 11/2021 - Ongoing 📍 bentonville, ar

Designed and orchestrated Safety Stock ETL for total company

- Engineered technical design to make executing dozens of Granular Safety Stock strategies scalable for +400M store/items
- Utilized CI/CD, Agile, A/B testing to integrate new strategies
- Built Python CLI using gsutil API to upload data to Google Cloud Platform
- Stood up Airflow server to enable robust cron scheduling
- Planned migration of 250+ legacy SSIS jobs to Airflow DAGs

Associate Director, Data Applications

// NielsenIQ

📅 10/2020 - 11/2021 📍 bentonville, ar

Lead strategy, technical design for custom data applications serving Walmart and Manufacturers through One Version of Truth (OVT) & standalone apps

- Roadmap CI/CD for OVT (One Version of Truth) platform, keeping it relevant with client needs, securing continued contract revenue upwards of \$100M+
- Managed 10 high performing engineers with an agile approach
- Transitioned team onto 5 major technical platforms (Snowflake, Okta Authentication, NIQ Connect, Bitbucket, MS Office) and continued delivering projects at a constant rate
- Built extensible data warehousing schemas to support a growing set of data sources (Syndicated Panel, POS, Trended POS, Emerging Trends, Power Rank, Consumer Decision Tree, Surveys), with the purpose of fueling robust, user-friendly dashboards
- Regularly aligned with senior leadership to connect our team goals & objectives with the broader organization's vision

Lead Engineer, Data Applications

// NielsenIQ

📅 04/2017 - 09/2020 📍 bentonville, ar

Lead and mentor a team of engineers in the design of scalable solutions for Walmart Inc to analyze consumer behavior trends

- Regularly gathered requirements & defined product roadmaps to direct engineering efforts
- Provided white-glove service to Walmart Executives
- Built schemas & ETL pipelines for POS and syndicated Panel data - Azure, MSSQL, Snowflake, Google API's, MSTR, & Looker/LookML
- Developed targeted email "briefs" that scaled to all Walmart Inc merchants and Regional VP's - Python, HTML/CSS
- Automated 3 unique types of category reviews using Python as a UI & backend to turn user requests into shareable PowerPoint or PDFs

Project Manager

// Walmart

📅 06/2016 - 04/2017 📍 bentonville, ar

Identified cost savings for Produce Global Logistics in TL + LTL performance

- Combined Python and SQL ETL in Alteryx to reduce daily analysis by 40%

Supply Chain Manager

// Walmart

📅 01/2015 - 06/2016 📍 bentonville, ar

Highlighted supply chain opportunities in Apparel for ~20 initiatives

- Raised MABD Compliance 9% by bringing data visibility through SQL, Tableau

Sales Analyst

// Launch Sales & Marketing

📅 02/2014 - 12/2014 📍 bentonville, ar

Managed data extracts, sales & replenishment analysis for 15 Walmart suppliers

STRENGTHS

Python



SQL



ReactJS



Schema Design



Communicating Technical Challenges



AWARDS

🔗 1400+ hours saved annually for associates through a Python app

DEV TOOLS

Python	SQL	Airflow	Git	Azure
Google Cloud Platform			Snowflake	
MSSQL	HTML	CSS	ReactJS	
VisualCron	Tableau	MicroStrategy		
Looker/LookML				

VOLUNTEER

Basketball Coach

Arkansas Blazers

📅 2017 - 2018

Board of Directors

NWA Ultimate

📅 2015 - 2018

EDUCATION

BSBA Supply Chain Management, Information Systems, SAP

University of Arkansas

2014