# Drew Manguiat

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## RECENT EXPERIENCE

**Senior Data Engineer** | *Snowflake, AWS, Python, Apache Airflow, FiveTran, Atlassian*     April 2021 – Present
*PatientPoint | AdTech*                                                                                                        *Remote*

- Architect and engineer multi-tenant data pipelines from various sources (APIs, FTPs, Elastic Storage, Cloud Databases, Microservices, Streaming Services etc.) to a Snowflake data warehouse for data science, analysis and reporting.
- Technical lead on a multi-year initiative which secured multiple industry accreditations for data pipelines and reports, enabling incremental revenue in the hundreds of millions dollars.
- Advise on Enterprise Architecture Review Board as an advocate the for data team on enterprise-spanning initiatives.
- Develop and implement data warehouse architectural standards including ETL/ELT, Datalake and Snowflake.
- Act as technical lead for projects spanning engineering, data modeling, data science, and visualization disciplines.
- Delegate engineering work based on priority, skill set and business value to a multi-discipline team.
- Implemented CI/CD for Snowflake and Airflow via YAML and Github Actions.
- Lead post-merger tech stack transition from AWS+Redshift/Azure+Synapse to Snowflake, Airflow, and Fivetran.
- Actively contribute to agile and scrum ceremonies via backlog grooming, story writing and project planning.

**Business Intelligence Developer** | *SQL Server, Azure, Python, PowerBI, Tableau*  January 2019 – April 2021
*PatientPoint | AdTech*                                                                                                     *Cincinnati, OH*

- Design, develop, and continuously improve fully automated reports and dashboards for consumption by multiple internal business units and external clients.
- Ensure report design and metric calculation adheres to industry standards in compliance auditors.
- Enable self-service reporting by gathering and documenting requirements then designing and deploying tailored, multi-use data models to specification.
- Act as a SME for reporting requests around user engagement data for a tablet product with appx. 60,000 units.
- Collaborate with external application development teams on user engagement logging specification and design.
- Participate in discussion and research for new and developing technologies to integrate into the current stack.
- Serve as a resource for Excel-primary teammates looking to expand their skill sets into SQL.

**IT Technician** | *T-SQL, VB.net, PowerShell, Bash, Linux, Windows Server*     March 2018 – December 2018
*Melink Corporation | Commercial Construction*                                                                              *Milford, OH*

- Develop, improve, and maintain a home-grown business intelligence application.
- Model historical data and market trends to predict business performance.
- Collaborate with management on continuous improvements aided by IT infrastructure and applications.
- Perform research on purchasing recommendations for hardware and software.
- Maintain on-premise enterprise servers and end-user hardware.
- Monitor helpdesk ticket trends to develop proactive solutions.

**Sales Engineer Co-op**                                                                                          December 2014 – March 2018
*Melink Corporation | Commercial Construction*                                                                              *Milford, OH*

## EDUCATION

**University of Cincinnati, Lindner College of Business**                                                   Cincinnati, OH
*Bachelor of Business Administration, Information Systems, Class of 2018*

## TECHNICAL SKILLS

**Databases:** Snowflake, Postgres, Redshift, SQL Server, Oracle, Synapse, MySQL
**Languages:** Various SQL dialects including SnowSQL and T-SQL, Python, JavaScript, C#, Java
**Technologies:** Apache Airflow, Fivetran ETL, S3/Blob Storage, Git, GitHub CI/CD, Terraform, Kafka, Atlassian Tools
**Skills:** Data Warehousing, Inmon/Kimball Data Modeling, ETL/ELT Design, IoT Data, Cloud Architecture, Agile, Scrum, Project Management, Requirements Gathering, Technical Writing and Documentation