


# Dane Isburgh

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I'm a software engineer with experience and interest in enterprise application development, data engineering, and machine learning. Please visit my website for more info.

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Cincinnati, OH 



## Experience

### Sr. Data Engineer

Kroger, August 2021 - Present

- Engineer and technical lead for company's data lake storage and ETL processing
- Develop and maintain 2K+ workflows with 4K+ daily jobs (Azure, Python, SQL)
- Integrated data catalog to govern and audit 10K+ datasets (Azure, Databricks, Python)
- Created configuration API to manage data lake processing (Azure, Kubernetes, Python)
- Lead development of inventory prediction machine learning app (Azure, Databricks, AI)

### Analytics Engineer

GE Digital, May 2018 - August 2021

- Designed and implemented asset analytics and monitoring app (AWS, Python, SQL)
- Created forecasting model for infrastructure incidents (AWS, AI, Python)
- Assisted in cloud asset configuration and build automation (AWS & Azure, Terraform)
- Developed datacenter infrastructure mapping system (Java, OpenCV, Serverless)



## Education

### B.S. in Computer Science

**GPA: 3.76/4.00**

University of Cincinnati, May 2018

- Honors: Magna Cum Laude, IEEE-HKN, Dean's List (2016-2018)
- Work: TA for College of Engineering (2017-2018)
- Capstones:
  - Image processing payload for NASA Student Launch competition (C++, OpenCV)
  - Telepresence robot and AR app for Air Force Research Lab (C++, Java, OpenCV)



## Skills

- **Certifications:** Azure Data Engineer Associate, Databricks Data Engineer Associate, Azure AI & Data Fundamentals, Microsoft Power Platforms Fundamentals
- **Programming:** Python, JavaScript, Java, C++
- **Frameworks:** Pandas, Spark, scikit-learn, Node, Angular, FastAPI, OpenCV, CUDA
- **DevOps:** GitHub & GitHub Actions, Terraform
- **Azure:** Active Directory, Blob Storage & ADLS, VM & AKS, Function Apps, SQL Server & Cosmos, ADF, Event Hub, Databricks, Machine Learning
- **AWS:** IAM, S3, EC2 & ECS, RDS & Aurora, SQS & SNS, API Gateway, Lambda, Batch, Glue, SageMaker