



# Dane Isburgh

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

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Cincinnati, OH 

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## Experience

### Kroger

Staff Data Engineer, November 2023 - Present

- Technical lead on Data Engineering and Platform team
- Architect for company's multi-petabyte data lake and ETL processing (Azure, Spark, Python)
- Lead development of inventory prediction machine learning app (Azure, AI, Java, Python)

Sr. Data Engineer, August 2021 - November 2023

- Supported development of 5K+ daily ETL jobs for primary data lake (Azure, Spark, Python)
- Integrated data catalog to govern and audit 10K+ datasets (Azure, Databricks, Python)
- Created API to manage data lake processing configuration (Azure, Kubernetes, Python)

### GE Digital

Analytics Engineer, May 2018 - August 2021

- Designed and implemented asset analytics and monitoring web app (AWS, Python)
- Developed datacenter infrastructure mapping system (AWS, Java, JavaScript)
- Supported development of cloud asset build and billing automation (AWS & Azure, Java)
- Created model used to forecast infrastructure incidents in ServiceNow and placed 2nd in company-wide machine learning competition (AWS, AI, Python)

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## 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
- Work: TA for College of Engineering (2016-2018)
- Capstones:
  - Lead development of AR telepresence robot for Air Force Research Lab (C++, Java)
  - Supported development of image processing payload for NASA student competition (C++)

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## Skills

- **Certifications:** Azure Data Engineer Associate, Databricks Data Engineer Associate, Azure AI & Data Fundamentals, Microsoft Power Platforms Fundamentals
- **Programming:** Python, JavaScript/TypeScript, Java, C++
- **Frameworks:** Pandas, Spark, scikit-learn, Node.js, Angular, FastAPI, Django
- **DevOps:** GitHub, GitHub Actions, Terraform
- **AWS:** IAM, S3, EC2, ECS, RDS, Aurora, SQS, SNS, API Gateway, Lambda, Glue
- **Azure:** Active Directory, Blob Storage, VM, AKS, ADF, Function Apps, SQL, ML, Databricks