

Dane Isburgh

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Software and data engineer with 8+ years of experience in application development, solution architecture, analytics, and machine learning. Expertise in developing secure, maintainable, and scalable software, including full-stack enterprise apps, ETL pipelines supporting multi-petabyte data lakes, and machine learning models to create real-time predictions. Proficient in delegating tasks and managing teams with 4-10 members to efficiently deliver value without compromising quality. Always striving to exceed expectations and increase technical expertise.

EXPERIENCE

Advanced Data Engineer

Nov 2023 - Present

Kroger, Cincinnati, OH

- Technical lead on company's Data Engineering and Platform team (Azure, GCP)
- Architect for company's data lake and ETL processing (Azure, GCP, Python, Spark, SQL)
- Lead development of machine learning app used in production to increase product inventory accuracy for stores in the Cincinnati area (Azure, AI, Python)

Senior Data Engineer

Aug 2021 - Nov 2023

Kroger, Cincinnati, OH

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

Analytics Engineer

May 2018 - Aug 2021

GE Digital, Cincinnati, OH

- Engineered asset analytics and monitoring app (AWS, Azure, JavaScript, Python)
- Developed datacenter infrastructure mapping system (AWS, Java, JavaScript)
- Created forecasting model for infrastructure incidents and placed 2nd in company-wide machine learning competition (AWS, AI, Python)

Software Engineer

Mar 2016 - May 2018

University of Cincinnati Co-op, Cincinnati, OH

- Lead engineering of telepresence robot for Air Force Research Lab (C++, Java)
- Developed cross-platform personnel management app for first responders (Java, SQL)
- Created enterprise broadband router management app (AWS, JavaScript, Python, SQL)
- Developed social networking app for sports professionals (AWS, JavaScript, PHP, SQL)
- Designed Android app with procedurally generated puzzles and in-app purchases (Java)

EDUCATION

Bachelor of Science (B.S.) - Computer Science

Aug 2014 - May 2018

University of Cincinnati, Cincinnati, OH

- **Honors:** Magna Cum Laude, Dean's List, IEEE-HKN
- **Work:** TA for College of Engineering (2017-2018)
- **Capstone:** Image-processing payload for NASA Student Launch competition (C++)

SKILLS

- **Programming Languages:** Python, Java, C++, SQL
- **Web Frameworks:** Spring Boot, Angular, Node.js, Django, FastAPI, Flask
- **Database Management:** MSSQL, MySQL, PostgreSQL, MongoDB, Redis
- **Big Data Technologies:** Hadoop, Hive, Spark, Kafka, Databricks
- **Cloud Platforms:** Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform
- **Software Development:** Agile/Scrum, DevOps, CI/CD
- **DevOps Tools:** GitHub Actions, Terraform, Docker, Kubernetes
- **Soft Skills:** Problem-solving, analytical, leadership, communication, collaboration