

LOGAN G. BLACKSTAD

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SUMMARY

Experienced Data Engineer specializing in designing and implementing scalable cloud-based data pipelines on AWS and GCP platforms. Capable of leveraging Infrastructure-as-Code (IaC) deployments to ensure data integrity, reliability, and integrated BI reporting capabilities. Committed to delivering high-quality data solutions that drive business insights and decision-making

SKILLS

Technical: Git, ETL, APIs, Data Modeling & Analytics, CI/CD, UAT, Agile, Scrum, Sprint Planning, Technical Documentation

Data Tools: SQL, Python, APIs, Power BI, Tableau, Teradata, AWS, GCP, Azure, AI/ML, LLMs

Fullstack: JavaScript, CSS, HTML, Bootstrap, Ajax, jQuery, React, Redux, Node.js, Express, Postman, RESTful APIs

EMPLOYMENT

Data Engineer, Delta Air Lines | Atlanta, GA

Jul 2022 - present

- Migrated legacy ETL data pipelines (mainframe, Informatica jobs) to the AWS Cloud (Glue, Lambda, SQS) utilizing Python and SQL to improve latency, maintain data integrity, and promote scalability and modularity
- Enhanced customer loyalty by creating and deploying Tableau dashboards that allowed ACS colleagues (gate managers, lobby agents) to track and recognize passengers at status milestones
- Coordinate deployments of new data pipelines with DBAs to ensure data continuity, apply necessary role-based security approvals, and triage query bugs and latency
- Collaborated with key stakeholders to identify and translate business objectives into technical data requirements, ensuring the successful implementation of data warehousing efforts

Program Management Analyst, Federal Aviation Administration | Atlanta, GA

Dec 2021 - May 2022

- Defined data definition requirements for FAA airport infrastructure project management reporting programs
- Automated data pipelines and ETL processes by developing SQL queries, python ETL, and Excel and Power BI dashboards

Business Intelligence Developer, Thyssen Krupp Elevator (TKE) | Atlanta, GA

Feb 2021 - Dec 2021

- Designed and developed Business Intelligence (BI) architecture and dashboards using sales, service, and finance data
- Worked with business stakeholders to map data sources, create data models, and deploy Power BI reports

Commodities Data Analyst, Argus Media

Mar 2019 - Nov 2019

- Developed web scraper scripts (R/Selenium) to extract commodities market trade data and apply regression models to assess financial risk exposure, predict price trends, and track commodity market developments
- Automated the extraction and cleaning (Excel/VBA/SQL) of customer data to leverage client usage statistics in marketing campaigns and product discovery planning initiatives

Procurement and Logistics Analyst, Novelis

Mar 2017 - May 2018

- Responsible for \$25MM+ in aluminum metal commodity procurement and demand planning
- Created BI dashboards (Excel, Power BI, Tableau) to track supply chain movement and optimize recycling operations
- Developed DAX ETL pipelines to clean, transform, and model data from a variety of data sources and business verticals

Manufacturing Engineer, Mercedes-Benz

Feb 2016 - Mar 2017

- Managed change management approvals, process capability studies, and engineering validation for all assembly processes on the ~300,000 Mercedes-Benz vehicles manufactured in Alabama annually
- Standardized Statistical Process Control (SPC) in QlikView and wrote VBA scripts to automate manpower planning

EDUCATION

DigitalCrafts - Atlanta, GA

Mar 2020 - Jun 2020

Full-Stack Software Development Bootcamp | 16-week full-time program

Georgia Institute of Technology, School of Engineering - Atlanta, GA

Aug 2011 - Dec 2015

B.S. in Materials Science and Engineering | Minor: Industrial Design