MATT BOEGNER
DATA ENGINEER

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OVERVIEW

Data Engineer with varied experience in cloud services and a demonstrated ability to guide teams through complexity while streamlining large-scale technical implementations.

Certifications

AWS Certified Solutions Architect – Associate, 2017

CompTIA Network+, 2016
CompTIA Security+, 2016

Skills & Expertise

AWS (Redshift, Kinesis/Firehose, S3, DynamoDB, EMR, SQS)

Snowflake Computing

Looker | Matillion ETL

Agile Methodology

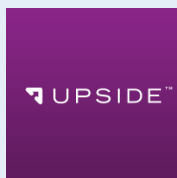Google Cloud Platform (BigQuery, Firebase)

SQL | PostgreSQL | MySQL

Python | Hive | Spark

Linux | Git | Terraform

Oracle (ODI, OBIEE, WebLogic)

Professional Experience

Data Engineer | 2017- Present
- Build robust infrastructure for a startup travel company that ingests over 3TB of flight/hotel inventory data on a daily basis
- Integrate internal and external data sources, including website, mobile app, and marketing data streams
- Develop an easily accessible platform for analytics and data science applications, including machine learning initiatives

Architecture Spotlight
- Migrated our primary data warehouse from Redshift to Snowflake Computing in less than two weeks, saving the company over $20,000 per month while improving performance
- Build out Firehose and Node.js-based logging service for pricing & recommendation engine and user actions tracking
- Coordinate application database deployments and refactoring

Data Science Spotlight
- Collaborate with data analysts to create self-service data marts
- Guide Snowflake integrations, allowing Spark and Python libraries to leverage Snowflake's processing power and performance optimizations

Consultant, ETL Developer | 2014-2016
- Developed custom ETL tools for a large-scale data warehouse implementation for a manufacturing client
- Created web-based reports to inform business decisions with near real-time manufacturing data
- Streamlined cross-functional communication, proposed and rolled out Slack platform to all ~70 project members
- Pioneered a five-week, ten-course training program for new analysts; shared across practice as it was first of its kind

Educational Background

B.S. in Systems Engineering, Minor: Engineering Business
- President - International Council on Systems Engineering at U.Va. (INCOSE)
- Founder of Zero-Waste Athletics, a multi-year sustainability initiative with over 17,500 aggregate attendees
- TA for Earth Systems Technology & Management

Projects & Interests

mattboegner.com Personal and professional website with tech, travel, and policy commentary
Estonian e-Resident | Location-independent access to EU company formation and banking services