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

amazon web services
AWS Certified Solutions Architect – Associate, 2017

CompTIA
CompTIA Network+, 2016
CompTIA Security+, 2016

Skills & Expertise

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

Snowflake Computing

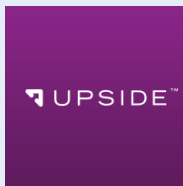Looker | Matillion ETL

Agile Methodology

Google Cloud Platform (BigQuery, Firebase)

SQL | PostgreSQL | MySQL

Python | Git | Terraform

Data Warehousing

Professional Experience

UPSIDE

Lead Data Engineer | March 2018 - Present
Data Engineer | June 2017 – March 2018
- Build robust data infrastructure for a startup travel company, integrating sources such as website, mobile app, and marketing data streams
- Develop an easily accessible platform for analytics and data science applications, relied on for most day-to-day operational decision-making

Engineering Spotlight
- Migrated Upside's data warehouse from Redshift to Snowflake Computing in less than two weeks, saving over $20,000 per month while improving performance
- Established change management and testing processes for OLTP databases, data warehouse, and reporting systems to improve service reliability

Architecture Spotlight
- Serving as the company's primary data architect, refactoring databases to align with a microservices architecture and increasing the speed of feature development
- Modeled and implemented a multi-team effort to overhaul the monolithic eCommerce application database

Data Science Spotlight
- Collaborated with data analysts to create self-service BI dashboards, capturing key growth metrics, sessionization of user behavior, and custom A/B testing and experimentation frameworks

Deloitte.

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

Education

UNIVERSITY of VIRGINIA

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 total attendees

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