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 complex technical implementations.

Certifications

AWS Certified Solutions Architect – Associate, 2017

CompTIA Network+, 2016
CompTIA Security+, 2016

Skills & Expertise

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AWS (Redshift, Kinesis/Firehose, S3, DynamoDB, EMR, SQS)	Google Cloud Platform (BigQuery, Firebase)
Snowflake Computing	SQL	PostgreSQL	MySQL
Apache Airflow	Matillion ETL	Python	Git	Looker
Agile Methodology	Data Warehousing

Professional Experience
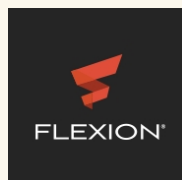
Freelance Consultant - Senior Data Engineer | November 2018 - Present
Project: End-to-end data warehouse implementation in the healthcare industry.
- Develop data pipelines using Python and Apache Airflow
- Design and construct a data warehouse on AWS Redshift
- Create an alerting/data monitoring framework via Python, Splunk, and Slack
- Collaborate with a fully remote development team to meet ambitious deadlines
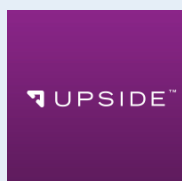
Lead Data Engineer | March 2018 – September 2018
Data Engineer | June 2017 – March 2018
- Built robust data infrastructure for a startup travel company, integrating sources such as website, mobile app, and marketing data streams
- Developed an accessible platform for analytics and data science applications which was 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 system performance [Read the Blog Post]

Architecture Spotlight
- Served as the company's primary data architect, refactored databases to align with a microservices architecture, and increased the speed of feature development

Data Science Spotlight
- Partner with data analysts to create self-service BI dashboards, captured key growth metrics, and facilitated custom A/B testing

Consultant, ETL Developer | September 2014 - November 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 by proposing and introducing Slack platform to all ~70 project members

Education

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