Matt Boegner
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OVERVIEW: Engineering director with deep experience in data engineering and a demonstrated ability to guide teams through complex technical implementations.

SKILLS & EXPERTISE

Cloud Services: AWS, GCP, Azure	CRM: Salesforce, SAP, Dynamics, Hubspot
Data Warehousing: all major platforms	E-commerce: Stripe, Shopify
SQL | Python | Spark	ERP: NetSuite, SAP, Oracle
Data Quality | Data Management	ML/AI: OpenAI, Anthropic, Hugging Face
Enterprise Architecture	Web: Facebook, Google Analytics

WORK EXPERIENCE

Silectis
Director, Data Architecture & AI　　　　　　　　　　　　　　　　　　　January 2023-Present
Data Architect　　　　　　　　　　　　　　　　　　　　　　　　　August 2020-January 2023
Data Engineer　　　　　　　　　　　　　　　　　　　　　　　　　　July 2019-August 2020
- Leading technical implementations and client services for a pre-Series A startup building a data analytics platform
- Directly supporting the CEO on product strategy, sales, hiring, fundraising, and account management

Engineering Highlights
- Working with API's and data models of numerous popular platforms (see above)
- Managing the data engineering team and collaborating with platform engineering
- Expert-level understanding of enterprise architecture, data warehousing, and data modeling
- Regularly prototyping and productizing new features, such as ML model integration and data validation frameworks

Client Services Highlights
- Served as the primary data engineer on no less than 14 major data migrations, including as the sole data engineer on a complex $20MM+ systems integration project
- Built the Silectis documentation and support website from scratch
- Achieving a 100% renewal rate among customers, with significant expansions and upsells
- Designed and executed the sales engineering process and proof of concept/demo experience for prospective customers

Flexion
Freelance Consultant - Senior Data Engineer　　　　　　　　　　　　　November 2018-June 2019
Project: End-to-end data warehouse implementation in the healthcare industry
- Developed data pipelines using Python and Apache Airflow
- Designed, modeled, and constructed a data warehouse on AWS Redshift

Upside Travel
Lead Data Engineer　　　　　　　　　　　　　　　　　　　　March 2018-September 2018
Data Engineer　　　　　　　　　　　　　　　　　　　　　　　　June 2017-March 2018
- Led the data engineering team for a startup travel company, integrating sources such as website, mobile app, and marketing data streams

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

Deloitte Consulting
ETL Developer　　　　　　　　　　　　　　　　　　　　September 2014-November 2016
- Developed custom ETL and BI tools for a large-scale data warehouse implementation for a manufacturing client

EDUCATION

University of Virginia, School of Engineering and Applied Science
*Major: **Systems & Information Engineering***
*Minors: **Engineering Business; Global Sustainability***
- 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