Adam Healy

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github.com/adamhealy

Experience

Feb 2021 — present

Data Engineer, *takealot.com*, Cape Town, RSA.
- Implementation of Change Data Capture (CDC) database events to data warehouse
- Implementation of streaming events to data warehouse
- Scheduling of web API sources to data warehouse

Oct 2018 — Jan 2021

Data Engineer, *2U, Short Course*, Cape Town, RSA.
- Consolidating disparate tools and strategies for data replication and processing to a limited set of tools
- Managing the design and implementation of the education data mart, primarily sourcing data from the learning management system (LMS)
- Maintenance and enhancements to existing pipelines
- Training and support for analytics and engineering teams

July 2018 — Sept 2018

Data Analyst, *2U, Short Course*, Cape Town, RSA.
- Collaborating with business stakeholders to identify and implement high value data artifacts
- Maintenance and enhancements to existing ETL scripts

June 2017 — June 2018

Junior Data Analyst, *2U, Short Course*, Cape Town, RSA.
- Building and maintaining custom internal dashboard, a basic php & htmlsite directly conencted to our MySQL database
- Enhancing and maintaining ETL scripts, written in R, deployed to AWS EC2, scheduled via crontab

Jan 2016 — Mar 2017

Mechanical Engineer, *Lesedi Nuclear Services*, Cape Town, RSA.
- Project engineer for the Medupi power station, working on the balance of plant low pressure services (compressed air, low pressure water, fire water)
- Compiling of design documentation for certification, commissioning, and hand-over
- Commissioning and verification of the compressed air supply system (Units 5 & 4)

Mar 2014 — Oct 2015

Project Coordinator, *Lesedi Nuclear Services*, Lephalale, RSA.
- On-site project engineer for the compressed air system at the Medupi Power Station
- Processing design changes based on site as built conditions

Education

2010 - 2013

B.Sc. (Engineering) in Electro-Mechanical Engineering, *University of Cape Town*, Cape Town.
Degree awarded with honours

Tools / Services / Languages

Languages	SQL, Python, R, bash, go
Databases	PostgreSQL, BigQuery, Redshift, MySQL
Data (tools)	Dataform/dbt, Tableau, Superset, Looker, Airflow
Other	Kubernetes, Kafka, Docker, Git, linux

Skills

Teamwork	Worked as part of multi-discipline teams (2U, Lesedi)
Leadership	Mentoring team members, developing team roadmaps
Problem Solving	Identifying problem areas, researching and implementing appropriate solutions