

Adam Healy

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Work Experience

Data Engineer II April 2022 — Present
Booking.com *Amsterdam, NL*

- Building out the snowflake platform for end users (Data Engineers and Data Analysts) to create data products in a governed way.

Data Engineer Feb 2021 — April 2022
Takealot.com *Cape Town, ZA*

- 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

Data Engineer Oct 2018 — Jan 2021
2U, Short Course *Cape Town, ZA*

- 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

Data Analyst July 2018 — Sept 2018
2U, Short Course *Cape Town, ZA*

- Collaborating with business stakeholders to identify and implement high value data artifacts
- Maintenance and enhancements to existing ETL scripts

Junior Data Analyst June 2017 — June 2018
2U, Short Course *Cape Town, ZA*

- Building and maintaining custom internal dashboard, a basic php site directly connected to our MySQL database
- Enhancing and maintaining ETL scripts, written in R, deployed to AWS EC2, scheduled via crontab

Mechanical Engineer Jan 2016 — Mar 2017
Lesedi Nuclear Services *Cape Town, ZA*

- 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)

Project Coordinator Mar 2014 — Oct 2015
Lesedi Nuclear Services *Lephalale, ZA*

- On-site project engineer for the compressed air system at the Medupi Power Station
- Processing design changes based on site as built conditions

Education

University of Cape Town Cape Town, ZA
Bachelor of Science in Engineering in Electro-Mechanical Engineering
Jan 2010 — Dec 2013

- The degree was awarded with honours

Skills

- **Languages:** SQL, Python, Java, R, Go
- **Technologies:** Snowflake, BigQuery, dbt, Airflow, Kubernetes, Kafka