

# Adam Healy

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## Work Experience

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**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

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**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

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