

Ntokozo Ntombela

Data Engineer

Durban, South Africa

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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

PROFILE

Graduate Data Engineer with strong foundations in Python, SQL, and cloud-based data engineering, specialising in ETL pipeline development, analytics ready data models, and scalable data platforms. Proven academic excellence in Business Intelligence and Machine Intelligence, with hands on experience using Databricks, PySpark, and Delta Lake to transform raw data into reliable, decision ready datasets. Seeking to grow within a professional data engineering or analytics environment.

CORE SKILLS

Data: ETL/ELT, Star Schema, Data Quality, API Pipelines, Data Modelling, Medallion Architecture

Cloud: Azure (ADF, Synapse), Databricks, Delta Lake

Tech: Python, SQL (Advanced), PySpark, Git, Docker

Consulting: Agile delivery, documentation, stakeholder communication

SELECTED PROJECTS (PORTFOLIO EVIDENCE)

InsightOps — Enterprise BI System

- Designed a star-schema data warehouse processing \$2.6M revenue
- Identified 2.2% mobile payment failure rate, enabling targeted investigation

SA Job Market Intelligence Pipeline

- Built an automated API pipeline tracking 967+ active jobs daily across global markets
- Implemented NLP scripts to extract skill-demand trends

Databricks Medallion Pipeline

- Implemented Bronze/Silver/Gold ELT with schema enforcement
 - Used Delta Time Travel to restore 4,985 deleted rows (disaster recovery simulation)
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EDUCATION

- **Durban University of Technology**
Bachelor's degree in Information and Communication Technology honours 2026
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CERTIFICATIONS

- [Microsoft Azure Data Fundamentals \(DP-900\) certificate](#)
- [Databricks Data Engineering Fundamentals](#)
- [Data Camp Data Engineer Associate certificate](#)