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📍 Tembisa, Gauteng, South Africa, 1632

in LinkedIn Profile

🌐 My Portfolio WebSite

GitHub Profile

Kholofelo Moropane

DATA ENGINEER LEARNER

SUMMARY

I am a current recruit in Data Engineering, honing skills in both Data Engineering at Umuzi Academy with the aim of obtaining National Certificate in Information Technology (Systems Development) (SAQA ID 48872). I am actively seeking opportunities in Junior Data Engineering, Software Engineering, Data Analysis, or Data Manager roles.

KEY SKILLS

• Problem Solving • Data Wrangling • Data Cleaning • Extract, Transform, Load (ETL) • Data Infrastructure Development • Test-Driven Development and Unit-Testing • Clean code • Communication Skills • Asking Help • Peer Assessment and Mentorship • Communication Skills .

Technical Skills: Git - Version Control, Linux, Docker, Python, PostgreSQL, MongoDB, *NoSQL,* Anaconda*, VS Code.*

FrameWorks: RabbitMQ, Jupyter Notebook, SQLAlchemy, Alembic, flask-SQLAlchemy, pymongo and fastapi.

INTERNSHIP

Data Engineering Learner   Nov '22 - Present

Umuzi Academy Institution | Jeppestown, Johannesburg, 2(

National Certificate in Information Technology (System Development) (SAQA ID 48872)

Data Engineering Program:

- Championing a dynamic role, as a Peer Mentorship, I have led and conducted more than 100 **peer code reviews** while actively engaging in peer assessment,
- Engaged in unit testing using **TDD** and **BDD** methodologies, and gained experience in refactoring and debugging code,
- Mastering database development, I excel in **PostgreSQL** for precise design, with hands-on experience in **SQLAlchemy**, I skillfully create and utilize **REST APIs**, showcasing my proficiency in designing, building, and consuming APIs,

Skills: Communication and Problem-solving skills, Python Programming, SQL, CSS, HTML, OOP and API Basics.

Pre-Production Learner   May '21 - Oct '21

MPACT Operations PTY LTD, | Springs, Gauteng

I was doing a Six months learnership in a Paper-making Production Industry.

Exposure to BM3 wet end and winder machines, to learn more about Paper Making Process

Plant Operator   Nov '19 - Aug '20

Brigtht Refining PTY LTD | Germiston, Gauteng

I worked as a process operator at Bright Refining, responsible for overseeing the operations of the Coper Smelting Plant.

Responsibilities: Diagnosing faults affecting plant operations, preparing to start up/shut down a plant, Sample Preparation/Analysis to ensure they meet company specifications, Housekeeping and minor maintenance work.

EDUCATION

BSC in Computer science Stream: NQF Level 7   Jan '21 - Present

Uniiversity of South Africa | Muckleneuk, Pretoria, 0002

I am a second-year undergraduate student pursuing a BSc in Computing at the University of South Africa.

- **Course Modules:** Theoretic Computer Science | Introduction to Programming |Linear Algebra | Calculus | Computer Systems: Fundamental Concepts | Computer Networks | Introduction to Business Information Systems | Formal Logic | Introduction to Statistics | Visual Programming

National Diploma in Chemical Engineering: NQF Level 6   Jan '15 - Sep '19

Vaal University of Technology | Vanderbijlpark, 1900

I completed my National Diploma at VUT and obtained my diploma following in-service practical training at Element Six Pty Ltd.

Completed.