

Johan Khanye

Python Specialist | Data Engineer

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An Enthusiastic and self-motivated Python specialist with 5+ years of experience. Eager to become one of the greatest CTOs South Africa has ever produced. I'm looking for a position that'll expose me to new people, new tech, work culture and management skills, whilst I bring my experience and vigor to every project that will be received in the future. I hope to create software that inspires and benefits the business.

Please visit my [GitHub pages hosted portfolio](#) for more on my experience, skills, prior projects and partners. Unfortunately this document cannot encompass all of qualities. I implore you to do so, you will not regret it.

Experience

- **Consultant Data Scientist and Engineer (Contractor) - CSIR** 2018 - 2019
 - My team and I were responsible for wrangling big electricity usage data for the eKurhuleni municipality, Visualising the data in a proper and sensible manner to extract insights from it.
 - Developed a ML Model to identify usage anomalies for different households.
 - Developed a model for the city municipality to track and identify electricity theft.
- **Junior Data Scientist(Python specialist) - Umuzi photo club** Feb 2019 - Sep
 - Took a number of online courses to learn more about Data Sciences, Data Engineering and Python programming and successfully completed all the courses with high scores.
 - My team and I often identified data-driven(dependent) problems that offered Umuzi the greatest opportunities for increased engagement from stakeholders and clients(prospective students), explored the problems and then assisted Umuzi take data-driven decisions and/or build & deliver useful ML models to solve the identified problem.
- **Data Engineer -Telesure Investment Holdings(TIH)** 2020 - Sep 2023
 - Took part in the initial and further development of a major project in the firm called **Aqueduct**, a PAAS project to Collect data stored in a multitude of formats, databases and other locations, to store in a harmonized manner, allowing both structured and otherwise data to be stored in one table properly. Allowing the DnA(Data and Analytics) team access to any number of source of truth tables they see fit.
 - Cooperate with the DnA on SDLC of apps, data pipelines and ML models using a variety of tools, including but not limited to the Microsoft Azure suite, Airflow, the Agile Manifesto and Scrum.

Education

- **High School** 2017
- **Umuzi Academy** 2018
 - Data Sciences and Python programming.
 - National Certificate in information Technology (System Development)
 - NQF 5

Skills

- Application Design
- Python, JAVA, JavaScript, Spark, Airflow, SQL
- ML, Google cloud, MS Azure, REST APIs,
- GraphQL, IBMI AS400, DB2,
- CSS, Bootstrap,
- Hadoop
- Problem-solving, Trello, Jupyter
- creativity, time management.
- Github and Git workflow, Curl,
- Bash, Linux systems, Django,
- problem solving
- Facilitation background
- HCD, Agile and Scrum.