

Lehlohonolo Makoti

DATA MANAGEMENT & ANALYSIS · ICT PROCESS ENGINEERING · BUSINESS INTELLIGENCE

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Experience

Computer Business Solutions (CBS)

APPLICATIONS DEVELOPER

P.O Building 4th Floor central

Jun. 2016 - Dec. 2018 (2yrs 7mon)

- Development of software systems by designing, developing, and installing software solutions.
- Installation and maintenance of computer hardware hosting web applications (Printers, Monitors, System Units (CPUs), electronic scanners and network cabling).
- Determining operational feasibility by evaluating system requirements versus the proposed solutions.
- Preparation of technical training manuals for system end-users & administrators.
- Project management role in projects using waterfall and agile methodologies (SCRUM).
- Preparation of customer websites analytical reports for progress monitoring and tracking.

Independent Electoral Commission (IEC)

ICT CONSULTANT WITH CBS (NATIONAL & LOCAL ELECTIONS)

MGC Park Katlehong

Jan. 2017 - Oct. 2018 (1yr 5mon)

- Data analysis & cleaning using Microsoft Excel & KuTools.
- Development & implementation of database backup routines.
- Database security protocol planning, implementation & evaluation.

Selibeng.com

WEB DATA ANALYST

www.selibeng.com

Dec. 2016 - Oct. 2020 (3yrs 8mon)

- Development & maintenance of the content management framework (WordPress).
- Management of Search Engine Optimization (SEO) meta tags for better online presence.
- Content upload and data extraction using web crawlers and Optical Character Recognition (OCR) tools i.e. WebScrapper.io, Able2Extract.
- Running user retention analysis reports based on the traffic metrics.
- Data modelling and cube developments using the Kimball warehousing principles.

Elizabeth Glaser Pediatric Aids Foundation (EGPAF)

RESEARCH DATA MANAGER - PUBLIC HEALTH EVALUATION

Princess Margaret Road LCA

Dec. 2018 - Present (2yrs)

- Research projects' database maintenance and development.
- Research studies' case reporting forms development and reports development.
- Preliminary data analysis, visualization & dashboard development to inform study progress.
- Agile project leader (SCRUM master) in data tools development and commissioning.
- External stakeholder reports development and presentation on research findings.

UpWork (Elance-oDesk)

DATA ANALYST

Online Freelancing

Jan. 2020 - Present (11mon)

- Designing and maintaining data systems and databases; this includes fixing coding errors and other data-related problems.
- Mining data from primary and secondary sources, then reorganizing said data in a format that can be easily understood.
- Using statistical tools to interpret data sets, paying particular attention to trends and patterns that could be valuable for diagnostic and predictive analytics efforts.
- Collaborating with programmers, engineers, and organizational leaders to identify opportunities for process improvements, recommend system modifications, and develop policies for data governance.
- Preparing reports to inform business decision making that effectively communicate trends, patterns, and predictions using relevant data.

Honors & Awards

CORPORATE

Winner, Hackathon on industry challenges in Telecommunications
2014 (Vodacom, Nedbank & Ministry of Trade)

Winner, LSIMM Hackathon on inclusive financial services on inclusive financial services
2017 (UNDP, Ministry of Finance Lesotho, FINMark, Meltwater, Vodacom & Econet)

Professional Associations

2019	Information Systems Audit and Control Association (ISACA) , International professional association focused on IT (Information technology) governance.	International
2019	Data Management Association, DMBOK2 , DAMA International is dedicated to advancing the concepts and practices of information and data management and supporting DAMA members and their organizations to address their information and data management needs.	International
2020	Project Management Institute (PMI) , The Project Management Institute is a global nonprofit professional organization for project management. Its services include the development of standards, research, education, publication, networking-opportunities in local chapters, hosting conferences and training seminars, and providing accreditation in project management.	International

Projects & Publications

Inclusive financial services under the Lesotho Scaling Inclusion through Mobile Money (LSIMM) Project - Mobile Money Payment Gateway

Lead Researcher

UNDP, MINISTRY OF FINANCE LESOTHO, FINMARK, MELTWATER, VODACOM & ECONET

- Article Link: <https://lnkd.in/d/cz9ZV>

Use of Point of Care Nucleic Acid Tests beyond Early Infant Diagnosis of HIV: A Retrospective Case Review in Lesotho

Co-Author & Data Manager

ELIZABETH GLASER PEDIATRIC AIDS FOUNDATION

- Article Link: <https://europepmc.org/article/med/32520919>

Education & Training

National University of Lesotho (N.U.L)

B.SC IN MATHEMATICS & COMPUTER SCIENCE

- Final year project** Development of a cultural family inference model aimed at deducing family member relationship names (uncle, aunt, great-aunt etc), based on a set of questions of known relationships (Expert Systems - Python, JavaScript & HTML5).

Axelos: Global best practices

Classroom Training

ITIL FOUNDATION CERTIFICATE IN IT SERVICE MANAGEMENT

Issue date Nov. 2017

- Course content:** focuses on aligning IT services with the needs of business and their adaption to good IT practices
Certificate: https://github.com/LM411/certifications/blob/main/itil_makoti.pdf

University of Capetown (GetSmarter)

Online Platform

DATA ANALYSIS

Issue date Feb. 2018

- Course content:** Data-driven decision-making, Research questions for data analysis, Organising data in Microsoft Excel, Statistical analysis using Microsoft Excel, Introduction to databases and SQL, Interpretation of outcomes and Data presentation and visualisation.
Certificate: https://github.com/LM411/certifications/blob/main/data_analysis_makoti.pdf

Cornell University (eCornell)

Online Platform

DATA ANALYTICS

Issue date May. 2019

- Course content:** The 3 tiered certification provides learning on statistical and scientific methods for data analysis through hands-on exercises, the following courses make up the certification : Understanding and Visualizing Data, Implementing Scientific Decision Making and Using Predictive Data Analysis.
Certificate: https://github.com/LM411/certifications/blob/main/cornell_makoti.pdf

PM4NGOs (LINGOs - Humentum)

Self-Paced Learning

PROJECT MANAGEMENT FOR DEVELOPMENT PROFESSIONALS LEVEL 1

Issue date May. 2019

- Course content:** PMD Pro is aligned with existing internationally recognized project management standards and includes components specific to the NGO sector.
Badge: https://www.youracclaim.com/badges/b6e6efdf-67fe-4cb7-9e3a-5d415a035c30/linked_in_profile

Big Data Framework (APMG International)

Self-Paced Learning

ENTERPRISE BIG DATA PROFESSIONAL

Issue date Aug. 2019

- **Course content:** The Enterprise Big Data course is the first level of the Big Data Framework course curriculum and certification program, that is globally recognized and accredited by APMG-International. The curriculum provides a vendor-neutral and objective understanding of Big Data architectures, technologies and processes.

Badge: https://www.youracclaim.com/badges/966deaa9-c2ee-4176-9f75-297c20acad10/linked_in_profile

Tableau Software

Self-Paced Learning

TABLEAU 2019 + 2018 TABLEAU DESKTOP SPECIALIST

Issue date Oct. 2019

- **Course content:** Earners of the Tableau Desktop Specialist title use their knowledge of Tableau Desktop and data analytics to solve problems. They have demonstrated understanding of Tableau core concepts and terminology. Desktop Specialists are able to connect to, prepare, explore and analyze data, and share their insights.

Badge: <https://www.youracclaim.com/badges/113fde7c-a2a4-4c9b-a594-017f940a1eab>

Dimagi Academy

Self-Paced Learning

COMM-CARE APPLICATION BUILDING

Issue date Oct. 2019

- **Course content:** Topics include CommCareHQ Basics, the Form Builder, Case Management, Advanced App Building Topics, and QA/Testing

Certificate: <https://academy.dimagi.com/certificates/765c09d3e9aa4bc987aa010566f7e81d>

Information Systems Audit and Control Association (ISACA)

Instructor-led Learning

COBIT 2019 FOUNDATION

Issue Date Apr. 2020

- **Course content:** Effective governance over information and technology is critical to business success, and this new release further cements COBIT's continuing role as an important driver of innovation and business transformation in I.T.

Badge: https://www.youracclaim.com/badges/92da69e2-0907-4920-9669-e18b704204fb/linked_in_profile

Oracle Cloud Infrastructure

Instructor-led Learning

ORACLE CLOUD INFRASTRUCTURE 2020 CERTIFIED ASSOCIATE

Issue Date May. 2020

- **Course content:** The OCI Foundations certification is intended for individuals looking to demonstrate knowledge of public cloud services provided by OCI. Certification is for candidates with non-technical backgrounds such as those involved in selling or procuring cloud solutions & with technical background who want to validate their foundational level knowledge around core OCI services. This exam does not require any hands-on technical experience & is not a prerequisite for taking any other OCI certifications.

Badge: https://www.youracclaim.com/badges/733c4a28-bb0e-4741-ad4f-e248d31f7d2a/linked_in_profile

Oracle Cloud Infrastructure

Instructor-led Learning

ORACLE AUTONOMOUS DATABASE CLOUD 2019 CERTIFIED SPECIALIST

Issue Date May. 2020

- **Course content:** Through completion of this course specialists are able to provision, manage, and migrate to Autonomous Transaction Database (ATP) and Autonomous Data Warehouse (ADW). They are able to understand the features and workflows of Autonomous Database; provisioning and connecting, migration using SQL Developer, Data Pump and Golden Gate, manage and monitor, and understands tools, reporting and analytics using Autonomous Data Warehouse.

Badge: https://www.youracclaim.com/badges/8c6804f1-3255-4cda-8e87-b11acfbcad82/linked_in_profile

Microsoft Certified: Azure Fundamentals

Self-Paced Learning

AZ-900: MICROSOFT AZURE FUNDAMENTALS

Issue Date July. 2020

- **Course content:** Azure Fundamentals exam is an opportunity to prove knowledge of cloud concepts, core Azure services, Azure pricing, SLA, and lifecycle, and the fundamentals of cloud security, privacy, compliance, and trust.

Badge: https://www.youracclaim.com/badges/1c6ae5f4-6488-4a79-96d1-eef2e8271c12?source=linked_in_profile

Microsoft Certified: Data Analyst Associate

Self-Paced Learning

DA-100: ANALYZING DATA WITH MICROSOFT POWER BI

Issue Date Aug. 2020

- **Course content:** The Data Analyst Associate certification validates the skills and knowledge required to enable businesses to maximize the value of their data assets by using Microsoft Power BI. Data Analysts are responsible for designing and building scalable data models, cleaning and transforming data, and enabling advanced analytic capabilities that provide meaningful business value through easy-to-comprehend data visualizations.

Badge: <https://www.youracclaim.com/badges/f779593c-d518-4ae4-b9ac-06cff477a640>

GreyCampus Training Professionals

Instructor-led Learning

LEAN SIX SIGMA BLACK BELT

Oct. 2020

- **Course content:** The course integrates Lean and DMAIC methodologies as defined by IASSC using case studies and examples, which help you to implement, perform, interpret and apply Lean Six Sigma at a high level of proficiency.
- Certificate:** <https://www.greycampus.com/certificate/1960103000943>

Microsoft Certified

Self-Paced

MICROSOFT CERTIFIED TRAINER 2020/21

Nov. 2020

- **Content:** Many of Microsoft's software and technologies are technically complex, and professionals may require training from knowledgeable trainers in aspects of their use. In order to make such training generally available, Microsoft has developed the Microsoft Certified Trainer (MCT) Program which grants membership to professional trainers and learning consultants who demonstrate and maintain technical and instructional expertise on Microsoft technologies and who have complied with all requirements.
- Certificate:** https://www.youracclaim.com/badges/b9c89dbe-22c4-4d20-afba-b3f9d2f08d1c?source=linked_in_profile

PgDip. Industrial Engineering (Data Science)

Part-time

STELLENBOSCH UNIVERSITY

Prospective Enrollment 2021/22

- **Course content:** This programme focuses on enabling students to develop innovative optimisation and machine learning techniques to produce novel, efficient and robust data science technologies, for use in Industrial Engineering, Engineering Management and related applications. Modules covered: Programming in R, Optimization, Industrial Management, Applied Machine Learning, Project Management, Data Analytics and Big Data Technologies
- Course URL:** <https://ie.pages.cs.sun.ac.za/ds/>

Professional skills & Interests

Database management technology

DATABASE CLIENTS AND SERVERS

- MySQL, Postgres SQL (Basic), MsSQL Server, MsAccess.
- MySQL workbench/CLI, HeidiSQL, phpMyAdmin, db Forge Studio

Programming languages & Technical software

DEVELOPMENT TOOLS

- **Server Side Languages:** PHP, Java, Python(Basic).
- **Client Side Languages:** HTML5 & CSS3, JavaScript, Android (C-Sharp, XAML).
- **Version Control:** Git (Git CLI, Github, Gitlab, Bitbucket, GitGraken), One drive business.

Project Management & Coordination

REPORTING & MANAGEMENT TOOLS

- **Communication:** Slack, Skype for business.
- **Management:** Asana, Trello, Microsoft Project, Microsoft Flow, SharePoint.
- **Reporting (Visualization):** Tableau Desktop, Microsoft PowerBI, QlikSense (Intermediate).

Data Management

DATA ANALYSIS, COLLECTION & SURVEY TOOLS

- **Collection:** Clintrial (Cliniops), Case Report Forms (CRFs), ODK Collect, Google Forms .
- **Analysis:** R, Stata, Advanced Ms Excel (KuTools).
- **Survey:** SurveyCTO, CommCare, Open Data Kit (Aggregate/Collection),

Professional References - Available on Request
