

KAGO MMAPETLA

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To leverage my expertise of new technologies and grow in the corporate industry, by blending my data analysis, programming and database skills with my business acumen to gain growth personally and professionally.

EDUCATION

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

- University of Botswana, 2017

CERTIFICATIONS

- MICROSOFT CERTIFIED: Azure Fundamentals
- MICROSOFT CERTIFIED: Power Business Intelligence Data Analyst Associate
- BOTHO UNIVERSITY: Certificate in Network & Server Administration
- Red Hat Enterprise Linux Basics, Udemy

EXPERIENCE

FEB 2018 – JAN 2023

IT OFFICER, BOCRA (UNIVERSAL ACCESS & SERVICE FUND)

- Involved in different areas of research in the region of deployment, contributing to the development of suitable digital literacy content.
- Developing innovative solutions for a successful school digital transformation.
- Developed an excel Automated Mark Book system for school results analysis, continuous assessment & student reports adapted from four books initially used for the same work.
- Developed an Android Mobile app for exams/test paper exchange in the region
- Using Microsoft Active Directory for server and network administration, providing LAN, Wi-Fi and user management to 20+ employees in the school as well as public.
- Using Microsoft Power Bi dashboards for better insights & strategies in school performance
- Training employees on useful software packages, new innovations and network operations
- Solely responsible for IT infrastructure and new applications/systems, providing end-user support, troubleshooting, and maintenance of equipment as the only IT personnel
- Reporting to the BOCRA, Regional Officer and School Head Master.

MAY 2017 - JAN 2018

SOFTWARE DEVELOPER, CLOUD POINT PTY/LTD

- Developing websites for clients e.g. *sparesmax.co.bw* & *Progressive Institute.com*
- Compiling tender documents and responding to tenders
- Developing and delivering IT solutions to clients

MY SKILLS

- Programming: Python, Java, Node.js, Flutter
- Android Mobile App Development & Web
- Azure Cloud Services, Data & Storage
- Active Directory Windows Server 2016
- Microsoft Power Platform (Power Apps)
- Version control (Github)
- Data Cleaning, Transforming & Modelling
- Databases, Relational & Non-Relational
- Google Firebase, MongoDB, Microsoft SQL
- Ubuntu & Linux environment,
- Photoshop and Creative Designing tools
- Project management and report writing

MY PROJECTS

- ANDROID MOBILE APP

- App allows for central repository of past *test papers or exams* by teachers. Teachers can post their papers and other can view and download those past exams for revision sharing.
- Uses JAVA and Flutter programming languages
- The application is live hosted in Google firebase
- It uses Google Firestore and Realtime database for free storage

- A BLOG WEB APP

- A *localhost* Blog project for learning purposes
- Demonstrates the use of the following technologies;
 - Created in Microsoft Visual Code using Node.js with Express
 - The Website uses an online MongoDB non-relational database to receive and store blogs posted by a user on the front end
 - Version control, the source code available on Github

- AUTO MARKS EXCEL APP

- System captures student marks and do the following reports automatically;
 - Calculates student grades and creates overall class performance analysis per term
 - Produces an overall school result analysis for regional submission
 - Produces a student progress report per term
 - Creates a subject analysis and a teacher analysis performance
 - Produces a continuous assessment for each student for the whole year performance
- Made in Microsoft Excel

MY PORTFOLIO: <https://cairgy.github.io>

REFEREES

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