

# KAGO MMAPETLA

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

## 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**

**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

## EDUCATION

**BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY**

- University of Botswana, 2017

### CERTIFICATIONS

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

## MY SKILLS

- Programming: Python, Java, Node.js, Flutter
- Android Mobile App Development & Web
- Active Directory Windows Server 2016
- Data Cleaning, Transforming & Modelling
- Python for Data Science and Machine Learning
- Microsoft Power Platform (Power Apps)
- Databases, Relational & Non-Relational
- Google Firebase, MongoDB, Microsoft SQL
- Microsoft Azure Cloud
- Ubuntu & Linux environment, Github
- Photoshop and Creative Designing tools
- Understanding of DevOps

## 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 in Google firebase
- It uses Google Firestore and Realtime database for free storage

### AUTO MARKS EXCEL APP

- System captures student marks and automatically creates a result analysis, pupil's reports and continuous assessment for each learner.
- Uses Microsoft Excel

### A BLOG WEB APP

- A Blog project hosted on Github.com, made in Microsoft Visual Code using Node.js.
- The Website uses MongoDB to receive and store blogs posted by a user on the front end.
- Source code and more is available via an online portfolio provided.

**MY PORTFOLIO:** Projects screenshots, source code and description is on the URL or link provided below

Link: <https://cairgy.github.io>

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## REFEREES

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