

# Thabiso Motswagole

Diligent and highly skilled JAVA Software Developer with over 5 years of experience in Solution Delivery and Solution Architecture within the multiple sectors.



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[LinkedIn Profile](#)

## PROFESSIONAL SUMMARY:

A talented software developer experienced in building, deploying, maintaining, and updating large scale systems in various sectors. A multi-faceted developer, knowledgeable in Java, SQL, React, SPRING boot, TensorFlow and Python. A true team player with experience working on development teams from South Africa, Zimbabwe, India and China. Analytical, motivated and hardworking with a strive for excellence displayed in hereunder results of past works. Seeking employment at a company involved with software development and Artificial Intelligence.

## SKILLS COMPETENCY:

### SOFT SKILLS:

- Highly developed analytical skills and an aptitude for innovative solution building.
- Diagnostic aptitude; exceptionally proficient in troubleshooting issues.
- Exceptional verbal and written communication skills
- Extensive experience in designing, implementing, improving and maintaining strategies to meet organizational needs.
- Strong training and advisory skills, ability to direct stakeholders in implementation and use of new systems and programs.
- Able to work collaboratively with cross-functional teams and diverse stakeholders.
- Stress-tolerant, able to cope well under pressure and confident in planning and reaching set goals and deadlines.
- Committed to client satisfaction, with ability to accurately understand and meet clients' business requirements and objectives.
- Exceptional personal standards of hard-working, honesty, loyalty, integrity and professionalism

### HARD SKILLS:

- Java Programming SE & EE – JSP, JSTL, Java Applications, Spring Web Services, UML
- Git – Version Control, Unix Commands
- Android Application Development – Java, Flutter with Dart, Material Design
- Python – Application Development, Machine Learning, API consumption, report auto generator, Django web development
- Oracle PL/SQL & 11g – SQL commands, 11g Object Relational Commands, Data Warehousing
- SPRING Boot & REST web services – Web Service Creation, Python consumption, Postman, Unit Testing
- Machine Learning & A.I. – OpenCV, Text Recognition, TensorFlow, Neural Networks
- Web Development – HTML, CSS, JavaScript, React, Angular, Bootstrap, jQuery, PHP
- Adobe Photoshop & Illustrator – Logo Design, Business Card Design, Photo Editing

## QUALIFICATIONS, EDUCATION, AND TRAINING:

2019 **B.sc (Hons) Computer Systems Engineering**, University of Sunderland, (United Kingdom)

2013 **B.E. Civil Engineering**, University of Namibia, (Namibia)

2012 **B.E. Aviation Engineering**, Saint Petersburg State University, (Russia)

2011 **Matric**, Livingston Kolobeng College, (Botswana)

## PROFESSIONAL EXPERIENCE AND CAREER PROGRESSION:

**InsurTech – Developer (Full-Stack Developer) (December 2020 – Present)**

**[Software Application and Information Solutions \(SAiS\) \(Botswana, Gaborone\)](#)**

SAiS, an Oracle partner, is a global ICT Consulting and Solutions company that engineers strategic and appropriate solutions by applying and integrating existing and emerging information technologies to further companies' competitive advantage. SAiS, a majority Botswana citizen owned company was founded in 2000 and since then it has grown steadily with its clientele in Botswana, Zimbabwe, Zambia, Malawi, South Africa, India, and USA.

Daily responsibilities were development of technologies on the customer portal for Botswana life. This entails providing developer support at the application code and API level. **Main responsibilities include:**

- A notable accomplishment was to develop a module that would allow customers to log tickets on incidents, queries or compliments using react and would allow an admin on the side of Botswana Life to reach out and chat with them all on the website.
- Using `window.setInterval()` I was able to have constant chat updates and use the return to concatenate to the original chat to keep it seamless to the end user.
- Another was the development of MySQL events to handle multiple actions upon insert when registering a new user to allow the system to put a timer that will change values accordingly if the customer fails to verify their account.
- A very notable accomplishment was the revamping of the entire frontend of the customer portal for Botswana Life.

- There were always questions on the look and feel for the website, so I was tasked to change it across the whole website. The website was built in react and uses MVC.

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## IT ATM & Cards Support Officer (May 2020 – December 2020)

### African Banking Cooperation (BancABC) (Botswana, Gaborone)

BancABC bank, officially known as ABC Holdings Limited, is a pan-African financial services provider, headquartered in Gaborone, Botswana. BancABC is a financial services provider in Southern Africa and Eastern Africa.

Daily responsibilities were to support all Botswana ATMs and cards issues. Using SQL and Linux to problem solve card declines, system failure and other various issues. **Main responsibilities include:**

- Accomplishment was to create a database query so users can directly pull reports on ATM transactions by date. It was deployed on a server and allows users to download said data. This would extract transactional information from the database and deployed on BI Publisher. This helped mitigate any issues from IT staff running the report all the time to automate it for bank users.
- Developed an app in python to search ATM's log files and return eJournal logs (the ATM activity during transactions and daily service) and return it in txt format that can easily be read. This mitigated the risk of missing ATM activity. The old method was not accurate all the time and caused eJournal entries to get corrupted or go missing.
- Deployed 4 deposit taking, NCR ATMs to production and configuring it on the BankWorld system. This allowed for the bank's service centers (where a huge population base is located) to make deposit and cash withdrawal where they previously could not. This has, in turn, allowed all branches to transact and perform such transactions as pin change.
- Was part of a team to make the bank PCI compliant. This project was to follow the PCI-DSS protocols and converting our system to one that is compliant. This project helped mitigate large risks such as hacks and policy failures. The bank went from 10% compliance to almost 60%.
- Another accomplishment was the deployment of the new BancABC website. The old website was almost 7 years old using old web technology and had tons of outdated information. With the deployment of the new website, we saw a 40% increase in site visits in just the first 2 weeks. With integration to the mobile applications and BancOnline portal, it gave customers a place to locate all our products.

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## Information Technology Officer (November 2019 – May 2020)

### African Banking Cooperation (BancABC) (Botswana, Gaborone)

Daily responsibilities were to manage staff calls as IT help desk, manage changes, handle major incident handling, and delegate tasks to other IT officers in different division. **Main responsibilities include:**

- Other tasks were generating and formatting reports in Microsoft Excel and reporting to IT staff at month end to discuss incident trends.
- Accomplishment was using python to create an executable code that automatically generates weekly and monthly reports in Microsoft Excel. This shaved off 2 hours off the old manual system for creating weekly reports and 2 weeks off the monthly. It sped up the process allowing completion in 5 min.
- Another was using Microsoft Azure and configuring Oracle Management Cloud to allow for webapp and server monitoring and alerting for IT. This helped mitigate majority of critical severity incidents, reducing them from 8 a month right down to just 4 or 5. It also helped us reduce costs spent on disaster recovery.

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## Intern Software Programmer (January 2018 – June 2018)

### Botswana Unified Revenue Services (BURS) (Botswana, Gaborone)

BURS performs tax assessment and collection functions on behalf of the Botswana Government and to take appropriate measures to counteract tax evasion on the one hand, and to improve taxpayer service to a much higher level on the other.

Daily responsibilities were to manage and assist on user complaints and compile reports in either Oracle database or Jaspersoft on request. **Main responsibilities include:**

- Primarily my job was to develop BURS' first Android application using Android Studio (Java), Retrofit and SPRING framework, REST webservices.
- This application allows for filing of tax returns and paying off outstanding tax amount. Accomplished this feat in a matter of 4.5 months even though I had no prior Android development knowledge, only Java.
- The mobile app has 5000+ installs with all positive feedback from end users and minimum to no crashes.

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## HOBBIES AND INTERESTS:

I have taken interest in is PC gaming, watching & playing basketball, watching & playing football and trying out new and fun libraries in python. One of such libraries would be computer vision and matplotlib.

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**\*\*Reference supplied upon request.**