

Mr Tlameo Titus Diphale

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🔗 <https://tlameo.github.io/Resume/>

🐙 <https://github.com/Tlameo>

A highly experienced, solutions-oriented professional with a decade of remarkable background in overseeing all aspects of software development Life Cycle, from extensive analysis and design through execution and maintenance. Proficient in utilizing a wide variety of programs and tools to provide high-quality and cost-effective applications/systems to boost organizational efficiency and productivity. Possess unmatched coding and testing skills to deliver client/business-specific applications.

I have had the opportunity to work with DevOps, software development, systems/requirements analysis, technology leadership and customer service support. The experience of automating manual processes and commitment and care about the user's experience are my main drive and motivation towards software engineering.

AREAS OF EXPERTISE

Project Management		Strategic Planning & Execution	
Team Leadership & Development		Scrum & Agile Methodologies	
System Architecture & Engineering		Application Design & Development	
Continuous Process Improvement			

PROFESSIONAL EXPERIENCE

BotswanaPost

Software Engineer Technical Lead

2021 – present

Gaborone, Botswana

- Enforce an innovative approach to improve the VTMs reporting system, which effectively reduced the financial tracking analysis time by 50%.
- Supervise and lead a team of 3 junior developers to ascertain the successful completion of the 13 key projects of the company within budget and schedule.
- Collaborate closely with the management, vendors, and associated third parties to guarantee the full functionality and performance of the website financial transactions and database management applications.
- Oversee all phases of the development of the new Java-based vendor application system for the financial services industry, from conceptualization and design to progress and deployment
- Aided in overseeing the transition of the commerce API to microservices that are running on a dockerized platform and ECS through other Amazon Web Services (AWS) such as Dynamo, Simple Queue Service (SQS), and ElastiCache Redis

Skills: AWS · PostgreSQL · Java · SQL · Spring Framework · Typescript · Maven · GitHub · DevOps · Kubernetes · Asana · Spring Boot

IT APPLICATIONS DEVELOPER

2019 – 2020

Gaborone, Botswana

- Designed software solutions by analyzing system performance standards, increasing performance efficiency by 27%.
- Analyzed prepaid electricity vending systems flow, data usage, and work processes, and investigated problem areas to stabilize to platform for 98% uptime.
- Planned, tracked, and managed deliverables on short-term sprints and long-term software deployments.
- Developed and executed test procedures for all the systems code-base.

Skills: Azure · SQL Server · C# · SQL · .NETCore · JavaScript · RabbitMQ · GitHub · Azure DevOps Kubernetes

BOTSWANA HARVARD AIDS INSTITUTE, SYSTEMS & DATA ANALYST

2018 – 2019

Gaborone, Botswana

- Took part in the scheduled development meeting to recommend system modifications and project improvements of the SENAITE Open-Source LIMS.
- Designed and coded unit/integration testing using Perficient methodology.
- Utilized strong configuration management and version control to ensure peak system performance throughout 20+ changes.
- Learned company standards of application software development, Agile, and iterative development methodologies (SCRUM).
- Created detailed design documentation, unit test plans, and well-documented code that was used in training for the Lab Staff, clinics and management.

Skills: Python · SQL · Django Framework · JavaScript · Nginx · Docker · GitHub · Slack · Docker

CELLULANT BOTSWANA, IMPLEMENTATION ENGINEER

2017 – 2018

Gaborone, Botswana

- Spearheaded the software production definition, requirements, analysis and implementation for new project designs.
- Innovated the mobile money bank to wallet system that integrated between bank and Network service provider that allowed customers to credit their mobile wallets direct from bank accounts.
- Coordinated with the experienced Systems Engineer and other professionals in the team in migrating the cost-efficient service that successfully reduced the operating costs by over 70% upon running the newly migrated service from Hub 3 to Hub 4.
- Provided expert support in developing and implementing effective technical solutions that enhanced the system's performance and subsequently boosted business efficiency.
- Monitoring/Observability with Spring Boot Actuator and RESTful Microservices projects using Spring Boot + Spring Cloud - Messaging with RabbitMQ - CI/CD Using Jenkins and Database integration using Spring Data MySQL - Frontend development using Angular

Skills: Java · SQL · Spring Framework · JavaScript · Maven · MySQL · GitHub · Kubernetes · Jira

BOTSWANA INTERNATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY, TEACHING ASSISTANT

2014 – 2016

Gaborone, Botswana

- Teaching undergraduates introduction to programming with C
- Teaching undergraduates advanced OOP programming with C++
- Linux Administration

Botswana Innovation Hub, *Software Developer*

2013 – 2014

- Promoted within 18 months due to strong performance and organizational impact (one year ahead of schedule)
- Facilitated three design thinking workshops for end users to identify use cases
- Successfully conducted API design and development of RESTful Services in 3 months, enhancing operations of the enterprise product in the business.
- Worked within an agile team of 5 developers, prioritizing/scoping feature requests to ensure that the biggest impact features were worked on first on simply-Botswana tourism website.

Skills: Java · SQL · Spring Framework · PL/SQL · JavaScript · Maven · SVN · Apache

EDUCATION

Bsc (Honours) Computer Systems Engineering, *University Of Sunderland*

July 2008 – August 2012

CERTIFICATES

Certified Scrum Master (CSM) [☑](#) • Certified AgilePM Foundation [☑](#) • Certified AgilePM Practitioner [☑](#)

Anti-Money Laundering

TECHNICAL SKILLS

- **JAVA**
- **C#**
- **Python**
- **JavaScript**
- **Spring Boot**
- **.NetCore**
- **Cloud Services (AWS & Azure)**
- **MySQL**
- **Kafka**
- **RabbitMQ**
- **Redis**

PROJECTS

USSD Application

2017

- Upgraded Standard Chartered Bank USSD Platform from Cellulant Hub3 to Hub 4 hence I had to develop the new USSD middleware from scratch with PHP, MySQL & Apache

Mobile Money Bank 2 Wallet

2017

- Bank 2 Wallet (B2C) Barclays/StanChart & MyZaka Integration (Java Application)
- Bank2Wallet (B2C) Barclays/StanChart & OrangeMoney Integration (Java application)

- Water Utilities Wrapper for Barclays USSD Bill Payment** 2017
- Developed a payment wrapper script allowing Barclays's customers to pay water bills through Barclays USSD and Internet banking channels.
- Pinless Airtime** 2019
- Integrated pin-less airtime (Mascom & Orange) to all BotswanaPost Digital Channels
- OPEN API (BotswanaPost Services)** 2019
- Developed a Secure REST API for the prepaid electricity vending platform improving the service uptime and easier client integration.
- Digital Platforms & Infrastructure Monitoring** 2020
- Collaborated with IT services with integrating all BotswanaPost digital services to SolarWinds for efficient monitoring and reporting.

REFERENCES

Maduo Molojiwa, *IT Manager*, Stanbic Bank
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