

Ty Tongai Munashe Chikondo

Software Engineer

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All problems are solved through software. Innovative optimized solution seeker, with a strong ambition in designing and implementing problem-solving skills through the use of technology.

Professional Experience

06/2022 - present	Software Engineer, Discovery via Entelect  Working with-in the mobile features team - <ul style="list-style-type: none">• Development of both custom iOS and Android features• Personal project management of the development process• Microservice development and deployment in QA environments	Johannesburg, (hybrid)
02/2022 - 05/2022	Software Engineer, Old Mutual via Entelect Worked on Personal Loan Call Me Back - Capturing basic information by the customer and passed to the Old Mutual Finance Loans department. <ul style="list-style-type: none">• Using SwiftUI, UIKit to adopt UI Figma designs, and create validation and input logic• Spring Boot, to consume downstream REST API's• Capturing analytics through Firebase	Harare, (remote)
07/2021 - 02/2022	Senior iOS Developer, TravSIM travSIM GmbH is based in Germany and aims to tackle expensive roaming charges, calling costs, SMSing and data rates in a foreign country <ul style="list-style-type: none">• Native iOS mobile application development (YOOTOK).	Germany (remote)
08/2018 - 08/2021	Research and Development Engineer, Africom Africom is a licensed telecommunications operator. Offering a suite of services ranging from Internet based solutions and consultancy. Cyber Security, Network deployment and maintenance and SaaS/IaaS/PaaS <ul style="list-style-type: none">• Backend system development, testing, DevOps and cross platform system integration.• Cross platform mobile application development and testing	Harare, Zimbabwe
08/2017 - 08/2018	Customer Service Representative (Internship), Africom <ul style="list-style-type: none">• Remote system support to clients through the help desk.• Network system monitoring to ensure Quality of Service to customers• Support and maintenance of server, email, network and application management	Harare, Zimbabwe

Projects

Discovery App, Swift, iOS, Java, Spring

Old Mutual Finance, Swift, iOS, Kotlin

YOOTOK, iOS Application 

International calling app, built natively in swift UI making use of modern networking protocols

Taura, Flutter Application 

Taura allows you to call anywhere, be it directly to a landline, someone who doesn't have a data-capable phone, another country, or even another continent.

Video Conferencing Platform, Government Project

Developed and deployed a platform allowing for internal video conferencing of company members in response to the COVID-19 pandemic and need for internal communication whilst in remote areas

Server and Database Hosting services, Zoho, DigitalOcean, Azure, Facile Manager

Maintained and deployed instances of backend services in use at any given point on unix based systems, such and docker databases and containers

E-Commerce platform development, MoMari

Developed a server side application in golang, grpc, protobuf to handle e-commerce related services such as user operations, payment integration etc.

Integrating Internet and Voice Billing platform, OpenSIPS, CGRateS

Integrating Biacells LTE and UBNT kits to inhouse developed billing engine through radius and diameter to allow for customer charging and balance management.

Integrating CDMA, Huawei switch to inhouse developed billing engine through SIP protocol to allow for customer charging and balance management.

Skills

iOS development

SwiftUI, UIKit



Cross-platform mobile development

Flutter



Backend Development

Golang, NodeJS, Python, Spring



Networking

REST, Websockets, WebRTC, SIP/RTP, RFC8216



Education

07/2015 – 11/2019

Honors Bsc Computer Science, University of Zimbabwe

Harare, Zimbabwe

References

Available upon request