

# FANELESIBONGE MALAZA

## SOFTWARE DEVELOPER

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HAVING CONSULTED AND WORKED ON SEVERAL PROJECTS AS A DEVELOPER WITHIN VARIOUS INDUSTRIES, I AM LOOKING TO CONTINUE EXPANDING MY SKILL SET AND KNOWLEDGE BASE. I AM A CREATIVE, HARDWORKING INDIVIDUAL WHO ENJOYS CHALLENGES AND LEARNING.

### SKILLS

EXPERT IN: *Web Development (HTML5, CSS3, JS6), Android Apps (Java, Dart, Flutter), Desktop Apps (Python, Java, Flutter), API Development.*

INTERMEDIATE IN: *Nest.Js, Vue.Js, TypeScript, Numerical Analysis, Database Management, Angular.*

Programming Language/Framework	Experience
FLUTTER, DART	3 YEARS
SQL	7 YEARS
PHP	4 YEARS
PYTHON	3 YEARS
NODE.JS	3 YEARS
VUE.JS	3 YEARS
JAVASCRIPT	5 YEARS
TYPESCRIPT	1 YEAR
JAVA	2 YEARS
HTML5	4 YEARS
CSS3	4 YEARS
JQUERY	2 YEARS
SOCKET.IO	1 YEAR
SELENIUM	1 YEAR
NEST.JS	1 YEAR
ANGULAR	1 YEAR
SASS	1 YEAR
SCSS	1 YEAR
PANDAS	3 YEARS
MONGODB	3 YEARS

### PROJECTS

- INHLAVA – MOBILE NETWORK DATA ANALYSIS TOOL (3RD PRIZE HACKATHON 2019 – E 25 000)
- VYBE – A PLATFORM FOR MARKETING EVENTS AND BUSINESS PRODUCTS AND SERVICES
- UNESWA LECTURER ALLOCATION SYSTEM – A SYSTEM THAT SELECTS LECTURERS AND ALLOCATES THEM ACCORDING TO CERTAIN CRITERIA FOR THE EXAM
- SECCOM ANDROID APPLICATION – A TEXT MESSAGING ANDROID APPLICATION THAT USES CONCEPTS OF QUANTUM CRYPTOGRAPHY TO ENFORCE SECURITY
- CREDIT FOR ME – A MTN ESWATINI CREDITING PLATFORM (7TH PRIZE IN MTN APP CHALLENGE 2019)
- MASIVAYE – A TAXI AND FOR-HIRE TRUCK RENTING PLATFORM

- INVENTORY MANAGEMENT SYSTEM – A WEB-BASED STOCK MANAGEMENT SYSTEM
- DATA ANALYSIS TOOL – A WEB SCRAPING PROGRAM THAT RETRIEVES FINANCIAL DATA FOR DIFFERENT COUNTRIES AND PRODUCTS AND DISPLAYS IN CHARTS FOR ANALYSIS
- SIMPLE BOOKS - A BUSINESS SUPPORT SERVICE APPLICATION THAT AUTOMATES BOOKKEEPING AND ACCOUNTING AND FEATURES AN IN-BUILT POINT OF SALE SYSTEM: <https://simplesource.co.sz>
- KUA CAPITAL WEBSITE - <https://www.kuacap.com>
- GITHUB PROJECTS ACCOUNT: <https://github.com/TheFaro/>
- YKK SOUTHERN AFRICA - JOB EXECUTOR ANDROID APPLICATION
- UNESWA SRC VOTING SYSTEM - VOTER ANDROID APPLICATION: <https://voter.ummo.xyz/> , <https://voter-admin.ummo.xyz/>
- TALKSY WELLNESS - A MOBILE APPLICATION FOR MENTAL HEALTH AND WELLNESS <https://talksywellness.com>
- POZI – AN ANDROID APPLICATION THAT ENABLES USERS TO CREATE LOCATIONS FOR EASY NAVIGATION, DELIVERIES AND MARKING ANY OTHER RELEVANT INFORMATION IN THE MAP OF ESWATINI: <https://play.google.com/store/apps/details?id=xyz.ummo.pozi>
- DEVELOPED AN ANDROID APPLICATION THAT MAPS ENGLISH WORDS TO 3 OTHER SOUTHERN AFRICAN LANGUAGES (SISWATI, NDEBELE, SHONA) (PLACED TOP 20 AT EU-AFRICA HACKATHON 2021)
- ESWATINI COLLEGE OF THEOLOGY: SET UP MOODLE SITE WITH SV TECH WORLD <https://onlineect.org>

## EXPERIENCE

### ICT TEACHER

MAY 2022 – PRESENT

MASIBEKELA HIGH SCHOOL, MANTABENI

- TEACH LEARNERS THE BASICS OF TECHNOLOGIES AS WELL AS INTERMEDIATE SKILLS IN USING MICROSOFT BASED PRODUCTS, ESPECIALLY MICROSOFT WORD AND EXCEL
- HANDLING IT RELATED WORK FOR THE SCHOOL, SUCH AS INSTALLING AND MAINTAINING IT RELATED EQUIPMENT

### FULL STACK SOFTWARE DEVELOPER

DEC 2021 – PRESENT (PART TIME, REMOTE)

UMMO, MATSAPHA

- CREATED UNESWA SRC VOTER SYSTEM
- REVIEWED CODE, DEBUGGED PROBLEMS AND CORRECTED ISSUES.
- CONTRIBUTED IDEAS AND SUGGESTIONS IN TEAM MEETINGS AND DELIVERED UPDATES ON DEADLINES, DESIGNS AND ENHANCEMENTS.
- CREATED THE POZI APPLICATION FRONT-END AND BACKEND.

### FLUTTER ANDROID APP DEVELOPER NOV 2021 - APR 2022

SV-TECH, MATSAPHA

- DEvised DOCUMENTATION FOR EACH APP, DETAILING OPERATION ASPECTS, FUNCTIONS, CAPABILITIES AND FEATURES.

- DESIGNED USER INTERFACES THAT ENGAGED MULTIPLE SENSES AND PRODUCED IMMERSIVE EXPERIENCES.
- CONSISTENTLY USED DART AND ANDROID SDK TO PRODUCE HIGHLY EFFECTIVE AND NUANCED CONTENT.
- DEVEISED TECHNIQUES FOR BETTER MODULARITY, TESTABILITY AND MAINTAINABILITY OF FRONT-END APPLICATIONS.
- WORKED WITH TEAMS FROM OTHER PROJECTS AND DEPARTMENTS TO CREATE APPS DRIVEN BY CUSTOMER INPUT.

## SOFTWARE DEVELOPER & SALES REPRESENTATIVE APR 2021 - APR 2022

SIMPLE SOURCE, MATSAPHA

- DEVELOP ANDROID APPLICATIONS (SIMPLE BOOKS AND TALKSY WELLNESS)
- DEVELOP WEBSITES AND TOOLS USED IN WEBSITES (TALKSY WELLNESS)
- SELL SUBSCRIPTIONS TO SIMPLE BOOKS ACCOUNTING SOFTWARE
- COLLABORATED WITH PROJECT MANAGERS TO SELECTED AMBITIOUS, BUT REALISTIC CODING MILESTONES ON PRE-RELEASE SOFTWARE PROJECT DEVELOPMENT.
- UPDATED OLD CODE BASES TO MODERN DEVELOPMENT STANDARDS, IMPROVING FUNCTIONALITY.
- DESIGNED REUSABLE AND RELIABLE CODE FOR USE WITHIN DISTRIBUTED CLOUD ENVIRONMENTS.
- COORDINATED WITH PROJECT MANAGEMENT ON DATABASE DEVELOPMENT TIMELINES.
- DEVELOPED CLEAR SPECIFICATIONS FOR PROJECT PLANS USING CUSTOMER REQUIREMENTS.
- EXPANDED CUSTOMER BASE AND BOOSTED PROFIT WITHIN PRODUCT LINE.

## SOFTWARE DEVELOPER NOV 2020 - PRESENT (PART TIME)

KUA CAPITAL, MBABANE

- DEVELOP A WEB SCRAPING TOOL THAT SEARCHES FOR FINANCIAL DATA, APPLIES MODELS FOR PORTFOLIO MANAGEMENT AND OFFERS DATA ANALYSIS TOOLS TO DRIVE DECISIONS
- DEVELOPING KUA CAPITAL WEBSITE

## SYSTEMS DEVELOPER OCT 2019 - MAY 2020

LANGENI INVESTMENTS, MANZINI

- DEVELOP ANDROID APPLICATIONS (VYBE)
- DEVELOP WEBSITES (INVENTORY MANAGEMENT SYSTEM)
- UPDATED OLD CODE BASES TO MODERN DEVELOPMENT STANDARDS, IMPROVING FUNCTIONALITY.

- PLANNED AND DEVELOPED INTERFACES THAT SIMPLIFIED OVERALL MANAGEMENT AND OFFERED EASE OF USE.
- DESIGNED INTUITIVE GRAPHICAL USER INTERFACES TO IMPROVE USER EXPERIENCES.
- DEVELOPED CLEAR SPECIFICATIONS FOR PROJECT PLANS USING CUSTOMER REQUIREMENTS

## IT INTERN JUN 2019 - AUG 2019

MTN ESWATINI, EZULWINI

- DOCUMENTING OF DATA CENTER FLOOR AND CABINET LAYOUT IN INTERACTIVE WEB VIEW
- FIX STRUCTURED CABLING IN SERVER ROOMS
- UPGRADING SERVICE CENTER CAPACITY LINKS
- IMPROVING WI-FI AND LAN SPEEDS
- ASSIST WITH REPLACEMENT OF EOSL ROUTERS AND SWITCHES

## WEB DEVELOPER INTERN MAR 2019 - JUN 2019

MORELLO BLUE, MATSAPHA

- TO DEVELOP SPLASH WEBSITES ON REQUEST FROM MY SUPERVISOR
- DEVELOPED USER INTERFACES WITH MODERN JAVASCRIPT FRAMEWORKS, HTML5 AND CSS3.
- TROUBLESHOT AND DEBUGGED CODE ENSURING COMPATIBILITY WITH DEVICES, BROWSERS AND OPERATING SYSTEMS.

## EDUCATION

**BACHELOR OF SCIENCE - PHYSICS AND COMPUTER SCIENCE** AUG 2014 - JUN 2020

UNIVERSITY OF ESWATINI, MATSAPHA

**S/IGCSE** JAN 2009 - OCT 2013

SWAZI NATIONAL HIGH SCHOOL, MATSAPHA

## REFERENCES

DR. SAMKELISO DLAMINI  
**KUA CAPITAL (FOUNDER AND CEO)**

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DR. ANDILE METFULA

**UNESWA HEAD OF COMPUTER SCIENCE DEPARTMENT (PROJECT SUPERVISOR)**

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SABELO VILAKATI

**SV TECH WORLD (FOUNDER AND CEO) | YKK ANDROID APPLICATION  
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