

CURRICULUM VITAE

Claverfred Dominic Mhidze - Male

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PROFESSIONAL PROFILE

A professional software and IT engineer with more than ten years of experience in developing innovative and creative software solutions as well as experience in computer maintenance, hardware and software installation and configuration.

Skills and Abilities

Programming Languages: Java, PHP, Python, JavaScript, Dart

Markup Languages: XML, HTML, CSS

Database Technologies: MySQL, MS SQL Server, Oracle, MS Access, SQLite

Web Development: Drupal, Wordpress, Joomla, HTML Templates, Bootstrap

Mobile Development: Android, iOS, Mobile WebApps

Software Frameworks: Laravel, Flutter, Code Charge Studio, Bootstrap, JQuery, Scriptcase

Computer:

- Microsoft Office Package, Internet and Email
- Computer Maintenance, hardware and software installation, configuration
- Computer Networking

Technical Support Engineer, Desktop Support Engineer, IT Help Desk

WORK EXPERIENCE

Arusha International Conference Centre, Arusha.

August 2019 – to date

Software Developer

- Maintain and customize the existing human resource management information system, event management information system and real estate management information system.
- Currently finishing development of AICC mobile app (android & IOS) for AICC to cater for marketing services, conference bookings as well as handling payments. I am also developing the weekly plan and weekly report and OPRAS modules for employees to be integrated to the existing human resource management system.
- Install, configure, and update anti-virus software
- Develop and test web pages and multimedia content
- Update web pages and multimedia
- Troubleshooting network, hardware and software problems to staff computers and peripherals.
- Setting up and configuring conference facilities i.e audio & visual systems and interpretation systems.
- Setting up video conference systems and peripherals

Technologies: Java, Android Studio, Flutter, Dart, PHP, Laravel, Javascript, JQuery, MySQL, Html, CSS, Bootstrap, Wordpress

Arusha International Conference Centre - Arusha.

January 2018 – July 2019

Internship as Information Technology Officer

- Setting up conference facilities such as audio & visual systems and interpretation systems.
- Troubleshooting network, hardware and software problems to staff computers and peripherals.
- Testing network equipment and devices.

Dflex International Ltd, Dar es Salaam & Arusha.

June 2014 – December 2018

Software Engineer & IT Consultant

- Gather and analyze user requirements and software requirements to determine feasibility of design within time and cost constraints.
- Develop and direct software system testing and validation procedures, programming and documentation.
- Consult with customers about software system design and maintenance.
- Perform software bug fixing tasks
- Refactor code to improve code quality and overall system performance
- allow it to adapt to new hardware, or to improve its performance.
- Train systems' end users.

Smile Communications Ltd, Dar es Salaam.

Jan 2013 – June 2014

Technical Support & Sales

- Configuring network devices for customers.
- Diagnose problems with routers and other network devices.
- Collaborate with sales teams to understand customer requirements, to promote sales of company products, and to provide sales support.
- Sell products requiring extensive technical expertise and support for installation and use, such as device handling equipment and computer systems.
- Provide technical and non-technical support and services to clients or other staff members regarding the use, operation and maintenance of network devices.
- Arrange for demonstrations or trial installations of network devices.
- Attend company trainings to become familiar with new network devices and new technology.
- Train team members on new devices and technology.

PROJECTS ACCOMPLISHED

AICC Mobile application.

Is an android mobile app am developing currently to cater for the Centre's needs. I will also develop the iOS version of it after the completion of this android version.

Human Resource Management Information System (HRMIS)

This is a web based information system I have developed and is used at Arusha International Conference Centre.

Technologies: Laravel (PHP- framework), Javascript, MySQL, Html,CSS, Bootstrap

Point Of Sale (POS)

This is a web based system I am currently finishing. This will be used for small scaled business like shops and supermarkets. It will be integrated with common payment systems in our area.

Technologies: Laravel (PHP- framework), Javascript, MySQL, Html,CSS, Bootstrap

Property Management System(PMS) for TUCTA(Trade Union Congress of Tanzania)

I have been a team leader of three developers at Dflex International assigned to develop a web based system for monitoring properties of TUCTA and its affiliates. We assigned different modules of the system to each of us three. We successfully developed and handed the product to the customer as well as training users and providing support.

Technologies: PHP, Javascript, MySQL, Html,CSS, Bootstrap

TASAF Database

I was part of the team at Dflex International Ltd which developed a database system for Productive Social Safety Net (PSSN) project of Tanzania Social Action Fund (TASAF) for capturing and evaluating beneficiaries of the project in rural areas.

Technologies: PHP, javascript,jquery, mysql, html,CSS

TACAIDS TOMSHA project

I participated fully in developing the Tanzania Output Monitoring System for HIV/AIDS.

Technologies: PHP, Javascript,JQuery, MySQL, Html,CSS, Bootstrap

FINAL YEAR PROJECT

I developed a Swahili – English dictionary which works on a Windows PC and android mobile phones. I successfully accomplished the project and got an A grade.

Technologies: Java, MySql

WhatsappTz

This is a whatsapp like android application which I am currently developing, just for fun.

Technologies: Java, Firebase

Uber clone to incorporate trucks and motorbikes

Is an android & IOS app am developing as I aim to sharpen my programming skills.

Technologies: Dart, Flutter, Firebase

PRACTICAL TRAINING AND SHORT COURSE ATTENDED.

Dflex International Ltd, Dar es Salaam: July - September 2012

and Web technologies Company Ltd, Dar es Salaam: July 2011 - October 2011

Activities:

- Software Designing
- Software Installation
- Dynamic web design and hosting.
- Graphics design and adobe Photoshop.
- PC maintenance
- Network Installation and maintenance
- Windows Servers administration
- Programming (Vb,C, Java, JQuery, AJAX, JavaScript, PHP, and MySQL), Android

Workshop Training

College of Engineering and Technology at the University of Dar es Salaam: 2009 - 2010

Electrical and Electronics design, installation:

MEMBERSHIP OF PROFESSIONAL ORGANIZATION

- Institute of Electrical and Electronics Engineers (IEEE) from 2010
- Institute of Engineers Tanzania (IET) from 2010
- Software Engineers from 2013
- Computer & IT Engineers from 2011

EDUCATION BACKGROUND:

University of Dar es Salaam: 2009 - 2013

Award: BSc. in Computer Engineering and Information Technology

Ilboru Secondary School: 2007 - 2009

Award: Advanced Certificate of Secondary Education Examination

St. Joseph Kilocha Seminary: 2003 - 2006

Award: Certificate of Secondary Education Examination

ACADEMIC AWARDS

2009 - Ilboru Secondary School

Member of Ilboru Mathematics Club.

2009 - Ilboru Secondary School

Member of Tanzania Young Catholic Students (TYCS)

2006 - St Joseph Kilocha Seminary

Among the top ten best students national wise in form four national examination (CSEE)

2006 - St Joseph Kilocha Seminary

Outstanding Academic Excellence in Form Four.

2006 - St Joseph Kilocha Seminary

Member of Tanzania Young Catholic Students (TYCS)

2006 - St Joseph Kilocha Seminary

Member of Social Science and Natural Science Club

2004 - St Joseph Kilocha Seminary.

Outstanding Academic Excellence in Form 2

2002 - Mhaji Primary School

The best student ever for all seven years of primary school education.

LEADERSHIP EXPERIENCE

Primary school Academic Prefect-

Head Prefect

Class monitor

School Head Prefect

School Discipline Prefect

Mhaji primary school

Mhaji primary school

2003 -2004 St Joseph Kilocha Seminary

2004 – 2005 St Joseph Kilocha Seminary

2008 – 2009 Ilboru High School

Class representative-
Salaam)

September 2012- November 2013(University of Dar es

Team Leader

2014 to 2018 at Dflex International Ltd

Supervisor of **Practical Training students** at Dflex International 2015 to 2018

REFEREES

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I, **Claverfred Dominicus Mhidze** do certify that to the best of my knowledge and belief, this information correctly describes me, my qualification and my experience.

Claverfred Dominicus Mhidze