

## **MUTUA MWANGANGI**

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Nairobi, Kenya

### **Summary**

I am a results-oriented Microsoft Certified Techno-Functional Consultant with four years' experience in business process automation. I am an ambitious problem solver with a passion for solving business and organization problems and would like to join a team of like-minded people. Am thorough and precise in everything I do, and am keenly interested in automating business processes, web applications and end user training. Am a natural problem solver, who has proven himself by successfully completing projects for Government parastatals, NGOs and IT consultancies Companies.

### **Work Experience**

#### **Techno-Functional Consultant and Developer- Dynasoft Business Solution LTD**

Dates: October 2019 – Current

**Microsoft Certified Techno-Functional consultant and Developer** - developing implementing Microsoft Dynamics 365 Business Central and Microsoft Dynamics NAV, Microsoft Azure, SharePoint, Power BI,, Microsoft SureStep Methodology, Project Management and Web Portals.

#### **Responsibilities and Achievements**

1. Performed planning, analysis, designing, requirements definition, functional design, development, testing and implementation of IT solutions.
2. Provided support, assistance, and training to end users.
3. Meets with key decision makers, systems owners, and end users to define business requirements and systems goals, and identify and resolve business/ organization systems issues.
4. Engaged process Owners when doing project presentations.
5. Translated client expectations into technical systems.

#### **Projects**

1. Kenya Accountants and Secretaries National Examinations Board (KASNEB)

#### **Modules**

- i. Finance Management – Gathered requirements, designed the module architecture, customized the module, conducted the UATs and trained the end user.
  - ii. Supply Chain Management - Gathered requirements, designed the module architecture, customized the module, conducted the UATs and trained the end user. Developed the eProcurement portal where suppliers could receive invitations to bid and submit their bids
  - iii. Risk Management Module - Gathered requirements, designed the module architecture, customized the module, conducted the UATs and trained the end user.
  - iv. Audit & Assurance - Gathered requirements, designed the module architecture, customized the module, conducted the UATs and trained the end user. Customized the module to fit Internal Audit Processes.
2. Kenyan Medical Research Institute (KEMRI)

**Modules**

- i. Supply Chain Management - Gathered requirements, designed the module architecture, customized the module, conducted the UATs and trained the end user. Developed the eProcurement portal where suppliers could receive invitations to bid and submit their bids
  - ii. Risk Management Module - Gathered requirements, designed the module architecture, customized the module, conducted the UATs and trained the end user.
  - iii. Audit & Assurance - Gathered requirements, designed the module architecture, customized the module, conducted the UATs and trained the end user. Customized the module to fit Internal Audit Processes.
  - iv. Power BI – Developed and configured all reports for different departments. The Reports were portal based whereby they were consumed by different offices.
3. Commission for University Education (CUE)

**Modules**

- i. Data Collection Module – This was one of the core mandates of the Commission. Being the Project Lead, we developed the module to assist Institutions of Higher Learning submit their data

- to the Commission. Gathered User Requirements, Developed and customized the module, Conducted UATS and Trained the end users.
- ii. Program Accreditation – This module assists Universities apply for program Accreditation. The Module assists the commission conduct the Accreditation process. Gathered User Requirements, Developed and customized the module, Conducted UATS and Trained the end users.
  - iii. Institutional Accreditation - This module assists Universities apply for Institutional Accreditation. The Module assists the commission conduct the Accreditation process. Gathered User Requirements, developed and customized the module, conducted UATs and Trained the end users.
  - iv. Quality Audit – The Commission conducts the following types of quality Audit: (i) Program Quality Audit (ii) Institution Quality Audit (iii) Adhoc Quality Audit. The Module assists the Commission to conduct quality audits.
  - v. IMIS - This is a portal application which helps the Commission engage Universities. Gathered User Requirements, Developed and customized the module, Conducted UATS and Trained the end users.
  - vi. Peer Reviewers Portal – This a portal which helps the Commission engagement its Resources such as Peer Reviewers. Gathered User Requirements, Developed and customized the module, Conducted UATS and Trained the end users.
  - vii. Power BI – The Application is very critical to the Commission. We developed standard reports from data collection module. Developed and configured all reports for different departments. The Reports were portal based whereby they were consumed by different offices.
  - viii. Supply Chain Management - Gathered requirements, designed the module architecture, customized the module, conducted the UATs and trained the end user. Developed the eProcurement portal where suppliers could receive invitations to bid and submit their bids.

- v. ISO Audit (QMS) - Gathered requirements, designed the module architecture, customized the module, conducted the UATs and trained the end user.
4. Kenya Rural Roads Authority (KERRA)

**Module**

- i. Power BI – The Application is very critical to the parastatal. We developed standard reports from Project planning, implementation to monitor the cost and time. Developed and configured all reports for different departments. The Reports were portal based whereby they were consumed by different offices.
5. Kenya National Trading Corporation (KNTC)

**Modules**

- i. Risk Management Module - Gathered requirements, designed the module architecture, customized the module, conducted the UATs and trained the end user.
  - ii. Audit & Assurance - Gathered requirements, designed the module architecture, customized the module, conducted the UATs and trained the end user. Customized the module to fit Internal Audit Processes.
6. National Commission for Science, Technology and Innovation (NACOSTI)

**Module**

- i. Supply Chain Management - Gathered requirements, designed the module architecture, customized the module, conducted the UATs and trained the end user. Developed the eProcurement portal where suppliers could receive invitations to bid and submit their bids.

**Lead Web Developer - Brainverse Technologies**

Dates: March 2019 – September 2019

Developed the Company's Startup Suites Software, websites, loan management system, Video conferencing app.

Accelerated completion of pending projects

Technologies involved include PHP, Js, Html, Laravel, MySQL, GITSI.

**Responsibilities and Achievements**

1. Meet with Clients to Determine Website Needs

2. Prioritized software development projects, set timelines and assigned tasks to team members.
3. Developed wireframes to decide on layout.
4. Wrote or reviewed code for various applications.
5. Testing and debugging codes.
6. Collaborated with designers to decide on UI/UX elements (like graphics and navigation buttons)
7. Ensured our software documentation is up to date.

### **Achievements**

The following links summarizes my achievements while in Brainverse Technologies.

1. <https://www.startupsuite.ap>
2. <https://www.brainverse.co/>
3. <http://uniportloans.co.ke/>
4. <https://akotheefoundation.org/>
5. <https://viwandafrica.com/>
6. <https://chemba.app/>

### **Graphics Designer & Software Development Consultancy - Thrift Closet**

Dates: August 2018 - December 2018

Worked with the Company on Contract Basis.

- Helped design both company's logo and website.
- Offered IT services on consultancy basis e.g. Security, Mpesa Integration.
- I also act as company's outsourcing and IT expert manager.

### **Responsibilities & Achievements**

1. Maintained databases of client information with the strictest attention to privacy and security.
2. Prepared, installed, debugged, and analyzed solutions in harmony with system requirements and in conjunction with offering suggestions for policy change to improve operations.
3. Determined viability of solutions by evaluating current problems, future requirements, existing solutions, and customized programs.
4. Design software using collected data, systems analysis, and prior bug reports; confer with management teams regarding user reports to personalize software and increase productivity.
5. Developed the Company's eCommerce software.

6. Served as a Technical Lead contributing to and directing the efforts of development teams, including internal and external team members.
7. Designed, developed, modified, implemented, and supported the eCommerce software.

This is the link to the software: <https://thriftcloset.co.ke>

### **Industrial Attachment - Digi Soft Solutions Ltd**

Dates: January 2018 – April 2018

Worked with the company when undertaking my industrial attachment..

- **Pablo Gift Shop** – Helping with app redesign. Addressed performance in multiple areas. Added image caching, and redesigning user interface.  
<https://pablogiftshop.com/>
- **Gelis Gift Shop** – Ecommerce Website for Selling Clothes.  
<http://gelisgiftshop.com/>
- **Matatu Sacco** – A matatu management android Sacco app for managing members of Rukagina Sacco.
- Played a vital in troubleshooting of machines and networks and oversaw the implementation of the origination's networks.

### **Software Developer Consultant - Konnectify Kenya**

Dates: January 2017 – December 2017

Worked with the company on contract Basis while undertaking my Bachelors.

- Performed in a Lead developer role on School ERP web app. App allows teachers to manage students' data. It also helps the school management in the daily running of the school. It helps parents to pay for school fees via Mpesa and other mobile payment methods. It has modern school modules.
- Developed seasonal planning web apps using PHP and JavaScript frameworks Cloud server management via AWS.

<https://konnectify.co.ke/>

### **Education**

#### **Dedan Kimathi University of Technology**

Nyeri Town, Nyeri Kenya

**BSc. in Business Information Technology – SECOND CLASS HONOURS UPPER DIVISION.**

Dates: Graduated May 2020, August 2016 – December 2019

### **Ngenia High School**

Limuru, Nairobi Kenya

### **Kenya Certificate of Secondary Education (KCSE) – B+**

Dates: January 2012- November 2015

### **Kalanzoni Primary School**

Machakos, Kenya

### **Kenya Certificate of Primary Education (KCPE) – B+**

Dates: 2005- 2011

### **Relevant Links**

LinkedIn: <https://www.linkedin.com/in/alfredsjunior/>

### **Certifications**

- Microsoft Dynamics 365 Fundamentals
- Microsoft Dynamics 365 Business Central Functional Consultant Associate
- Business Intelligence Expert –( Power BI)
- Data Scientist
- Corporate Finance Expert

### **Referees**

#### **Jackline Kainyu Kimathi**

Head of Implementation – Dynasoft Business Solutions Limited

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#### **Brian Nyagol**

CEO – Brainverse Technologies

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#### **Joseph Njenga Mwoha**

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