

TONNY MULATYA MUNYAO

Donholm – Nairobi, Kenya

+254715790884

<https://github.com/Tonymunyao12>

Munyaotony12@gmail.com

EDUCATION

Murang'a, Kenya

Murang'a University of Technology

Sept 2014-Dec 2020

- **Major:** Bachelors in Business Information Technology
- **Minor:** Software Engineering
- **Programming coursework:** Database System, Object Oriented Programming, Distributed System, Data Structure and Algorithms, Networking, Web Design Application, System Analysis and Design
- **Business coursework:** Financial Accounting, Cost Accounting, Macroeconomics

Nairobi, Kenya

Graffins College

Jan 2016-May 2016

- **Major:** Computer Software Application Packages
- **Minor:** Object Oriented Programming
- **Programming coursework:** Java, C++, HTML, CSS, JavaScript

EMPLOYMENT

Junior Software Developer

Kenya Revenue Authority

May 2019-Aug 2020

Mobile service integration with ICMS <https://www.trademarka.com/project/support-to-kenya-revenue-authority-icms/>

- Designed flowcharts for ICMS using Microsoft Visio tool.
- Creation of templates for ICMS
- Interacted with web services such as SOAP protocol which is used over HTTP.
- Used Postman in broadcasting a message at different testing points using APIs.
- Interacted with WSO₂ for API management integrations within ICMS
- Assisted in implementing and designing of the KRA M-Service Application.

Data Entry Supervisor

BrandPro Agency

March 2017-Feb 2018

Data collection and Data entry for Long-Horn publishers' subscribers within Kenya.

- Managing the collection of data and Extract, Load and Transform it into compatible format in a single Data warehouse.
- Analyzed the datasets using the Microsoft excel.
- Created and Managed Databases using Microsoft SQL Server Management Studio.
- Report writing, for the project work.

Data analyst for outsourced oversea companies.

- Data analysis for different data sets using Microsoft Excel and Power BI.
- Maintenance of the front-end of their main system using Bootstrap.
- Report writing, for the project work.

SOFTWARE PROJECTS

Deliverance Church (Android-based application)

- Developed an android application using Kotlin and XML that navigates a user to different activities that are involved in the church.
- Implemented the MVVM architecture in designing the application.
- Integrated different libraries such as Room, Safe-Args and Coroutines – assisted in persistent data storage in a database, parsing data through-out the app and dealing with flows with-in the app respectively.
- Designed RESTful backend APIs enabling user-data to be stored persistently.
- **Utilized:** Kotlin, XML, Gradle, SQLite, WakaTime, Groovy

Trinity Baptist Church (Android/IOS-based application)

- Developed an android application using Kotlin/Dart and XML that navigates a user to different songs lyrics in both Kiswahili and English versions.
- Implemented the MVVM architecture in designing both the android/IOS app.
- **Utilized:** Kotlin, Dart, XML, SQLite, Flutter framework

Anti-fraud Service (Console-based application)

- Developed a console-based application which identifies a scam domain(s), then lists them for takedown by the Hosting Service.
- **Utilized:** Kotlin, shell scripting (Bash), web APIs,

SKILLS

Software: (**proficient**): Java, Kotlin, Gradle, XML, Git, SQLite (**familiar**): C++, HTML/CSS, Groovy, Python, Bash, JavaScript, Flask.