

Martin Chege

0705537065

martinmbae.codemaster@gmail.com

Martin Chege is a passionate Software developer and a Computer Science graduate from Masinde Muliro University of Science and Technology(MMUST).

Work Experience

Software Developer at Vsoft Technologies, Meru

May 2019 - July 2019

- ❖ Design and Develop Mobile and Web applications for the company.
- ❖ Offer advice and assistance in the development of mobile applications.
- ❖ Maintain the existing applications for the company.

Mobile Development Lead at Masinde Muliro University

Sept 2019 - Aug 2020

Acted as Mobile development lead amongst Students in DSC.

- ❖ Introduced students to mobile development in Java, Kotlin and Flutter.
- ❖ Helped students deploy their mobile apps to Google Play Store.
- ❖ Helped troubleshoot Android Studio problems
- ❖ Took students through the convention in the Android programming.

Developed MMUST Optometry Web System

Oct 2020

Together with a team of other developers were were tasked by the university to design and develop a System for the University's Optometry Clinic.

Objectives of the system

- ❖ To design and develop a simple landing page that could be accessed by the the general public. The landing page would give an overview of the optometry clinic as well as allow patients to make appointments to visit the clinic.
- ❖ Design and develop an inventory for the optometry clinic. The inventory keep record af all the materials that the clinic had and control the inflow and the outflow of the materials.
- ❖ To design and develop patient journaling module. This module would used to record the diagnosis process of a patient as well as all the laboratory test that the patients would undergo.
- ❖ Ensure the security of the patient's data and keep record of all the actions performed on a patient's data.
- ❖ Develop an admin dashboard, where the optometry management can view and manage the system.

In the above system, I was tasked with the role of developement where I developed the inventory module, admin dashboard and the landing page.

Design and Developed the Hospital System for Nyaporo Hospital

Aug 2020

Nyaporo Sub-County Hospital in Kakamega requested me to develop a Hospital System which could accomplish the following

- ❖ Allow registration of new patient.
- ❖ Keep track of patients revisits.
- ❖ Keep records in postnatal, antenatal, family planning, child welfare, outpatient, laboratory, child immunisation tracking, mortuary departments.
- ❖ Keep system logs for all the activities done by the system.
- ❖ Secure the patient data.

The system was a desktop application developed in JavaFx and SQL.

Skills

- ❖ Web Development in Codeigniter and Laravel Frameworks
- ❖ RestAPI development and integration in Web development and MobileDevelopment.
- ❖ Desktop Development in JavaFX
- ❖ Mobile Development in Java, Kotlin and Flutter
- ❖ Experienced in SQL and Firebase Databases
- ❖ Version Control skills - Github.
- ❖ AWS hosting, deployment and maintenance

Education

Graduated with Bachelors Degree in Computer Science from Masinde Muliro University.

Accomplishment

- ❖ Developed and published android Applications to Google Playstore
- ❖ Contributed to Open Source Development by making two fully functional Android libraries.

<https://github.com/MartinMbae/KenyanCounties>

<https://github.com/MartinMbae/KenyaPostalCodesExample>

- ❖ Emerged among the top 20 in [Google Solutions Challenge 2020](#) Worldwide.
- ❖ Ranked amonth the top 10 in Google's 2020 Hashcode in Kenya with a score of more than 4,000,000 points.

Important Links

- ❖ Sample Web Apps links:
 - ✓ <https://econnect.vsoft.co.ke/library/> (Virtual Library)
 - ✓ <https://econnect.vsoft.co.ke/magnify/public/> (Searches for quality youtube channels with less subscribers)
 - ✓ <https://econnect.vsoft.co.ke/> (COVID-19) tracking.
- ❖ Sample Android App links:
 - ✓ <https://apk.support/developer/Martin+Mbae>
 - ✓ <https://apkpure.com/developer/Sperry%20Studio>
 - ✓ https://play.google.com/store/apps/details?id=k.e.ebebewa.eBebewa_driver
 - ✓ https://play.google.com/store/apps/details?id=k.e.ebebewa.eBebewa_client
- ❖ Github → <https://github.com/MartinMbae>

- ❖ StackOverflow → <https://stackoverflow.com/users/11118152/martin-mbae>
- ❖ LinkedIn → <https://www.linkedin.com/in/martin-mbae-5969091a1/>

