

CURRICULUM VITAE

PERSONAL DETAILS

Name: ONYANGO SILAS

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D.O.B: 20/05/1993

Gender: Male

Religion: Christian

Languages: Kiswahili, English

Nationality: Kenyan

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EDUCATION AND QUALIFICATIONS

Year	Institution	Achievements
2014 - 2018	University Of Nairobi	Bsc. Computer Science
2009 – 2012	Maranda High School	KCSE Grade A
2001 – 2008	Mudasa Academy	KCPE,400 marks

WORK EXPERIENCE

Softmed Tanzania Ltd(Sept - Dec 2018)

I worked as a software developer. I was part of the team that developed both a Hospital MIS and an android application to help community health workers refer patients in remote villages to their nearest health facilities using the app. The technology used to develop these systems are Node Javascript for the backend and Android for the front-end(Two technologies I am highly proficient in).

Indra Company Ltd(May - Sept 2018)

A spanish software with a branch in Nairobi. It develops software for electric power companies for over 25 countries in Africa and some in Europe. I was employed as a software developer, developing in C and a framework called Power-Builder.

Mcare Facility

A Health MIS system developed for hospitals in Tanzania. It deals with all hospital operations, ranging from the point a patient gets into a hospital, all through to the time a patient is discharged, laboratory operations, radiology, wards and beds etc. I developed the backend of this system on my own under the umbrella of Softmed Tanzania Ltd. Below is its github link :

<https://github.com/SoftmedTanzania/mcare>

Technologies

- ❖ NodeJs

Mcare referral

This is a system used by community health workers in Tanzania to refer patients living in rural areas to the nearest facilities via an android application. I developed the backend to this system on my own under the umbrella of Softmed Tanzania Ltd. Below is its github link :

<https://github.com/SoftmedTanzania/referral>

Technologies

- ❖ NodeJs

Fee Management System

A web portal to handle School Fees for Waondo Secondary School , Homabay County.

There is also an android mobile application for the Principal to monitor activities in the system and control it.

<https://github.com/silasonyang93/waondo>

Technologies

- ❖ Php
- ❖ Java

- ❖ XML
- ❖ MySQL DBMS

An E-book Android app

An E-book android app for PPDA(Public Procurement and Disposal of Public Assets Authority).

The app is a 192-paged book containing procurement policies stipulated by the body. The app also relays announcement from the organization to a newsfeed section via a remote server, using firebase's push notifications. JSON stores the book's content in the app in a JSON file

<https://github.com/silasonyango93/procurement>

Technologies

- ❖ Java
- ❖ XML
- ❖ JSON
- ❖ Firebase
- ❖ Php
- ❖ MySQL

A school management System

I am developing an integrated School Management System that includes academics ,dormitory management, library management ,student fee management ,teachers on duty and even timetabling.

The NodeJs backend API : <https://github.com/silasonyango93/shule>

The ReactJs frontend client : https://github.com/silasonyango93/shule_client

Technologies

- ❖ NodeJs

- ❖ ReactJs

The University of Nairobi E-commerce

An E-commerce android app to help The University of Nairobi students trade among each other.

<https://github.com/silasonyang93/Ewe>

Technologies

- ❖ Java
- ❖ XML
- ❖ JSON
- ❖ Firebase
- ❖ Php
- ❖ MySQL

Smartware

A mobile app that allows parents to keep track of their children's academic performance and disciplinary issues, from the convenience of their seats.

Technologies

- ❖ Java
- ❖ XML
- ❖ JSON
- ❖ Firebase
- ❖ Php
- ❖ MySQL

Ticket-selling web app

A ticket-selling web app.

https://github.com/silasonyang93/bash_wizard

Technologies

- ❖ NodeJs

Blood Donation App

An app to help motivate and inform people on the various blood donation centres and donation events near them.

https://github.com/silasonyang93/blood_donation

Technologies

- ❖ Java
- ❖ XML
- ❖ JSON
- ❖ Firebase
- ❖ Php
- ❖ MySQL

Telecommunications – Industrial Attachment

I was on my Industrial Attachment at Empire Microsystems. I worked alongside telecommunication Engineers and acquired the following skills and technologies:

- ❖ Fiber Technology
- ❖ Microwave Technology
- ❖ Wimax Technology
- ❖ CISCO

SKILLS

1.Programming skills

Android

NodeJs

Java(Spring Framework)

Javascript

Php (Laravel)

Python

2.IBM Security Appscan v8.7

3.Networking basics

4.Telecommunication Engineering E.g Wimax radio receiver installation,Microwave technology and Fibre technology

CERTIFICATIONS

February 2016

Application Security Specialist with IBM Security AppScan v8.7

INTERESTS

Football, swimming, android application development.

REFERENCES

Dr E.Abade.

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