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John Walugembe
Software Developer

About me : I am a telecommunications and software developer with a bachelors degree from Makerere University. I am web developer with professional experience in using languages such as vue js,Angular js python,Flask, html, CSS, MySQL . A self-driven and hardworking individual, with exceptional analytical, communicative and computer capabilities driven by the determination to accomplish set goals and the need to make an impact in my sphere of influence. I am qualified and proven team player with a good education background and possesses interpersonal and analytical skills gained through hands-on and support roles in different positions and education.

Experience

May 2018 - present, AMS Makerere University
Software Developer
Provide software solutions, Web systems engineering research, Provide web development, Database management, Networking and internet, LAN/WANS, Software project coordination, Conduct student software tutoring.

Aug 2017 - Feb 2018, netLabs!UG
Graduate Research Assistant
Provide software solutions, Networking and internet, Cisco and mikroTik configurations, Web systems engineering research, Provide web development, Database management, LAN/WANS, Software project coordination, Wireless communications, Artificial intelligence.

Sept 2017 - Nov 2017, Airtel Zambia
Project Engineer
Site equipment tagging, Equipment verification, Site PV report generation, Team coordination, Site architectural reporting, Site verifications, Photo reports verifications, Equipment consultant, Connection verifications.

May 2014 - July 2014, Bukasa Telecom
Intern
IT support, Maintenance and system update, Software, support, reporting system queries, and hardware improvements, Maintaining WAN and LAN networks, Improving network security.

Feb 2019 - date, Tender Africa
Lead Software developer
Coordinate/Manage other software developers working the company products., Maintenance and system update, Software, Developing software for Tenda Africa Limited and its clients Developing documentation of the software developed (Design document,Usermanuals etc), Implementation of the software solutions at the clients sites, Providing technical support to in-house systems and Clients, Improving network security.

Education

2013 -2018, Makerere University
BSc. Telecommunications Engineering

2011 - 2012, Turkish Light Academy
Uganda Advanced Certificate of Examinations

2007 - 2010, Naalya Senior Secondary School
Uganda Certificate of Examinations

Skills

Computer software
- socket programming
- Front-end development
- Web app development
- Machine learning
- Mat-lab
- Robotics
- Micro controllers
- SQL-development

Networking
- Cisco
- Firewalls
- Anti virus
- Software Defined Networking
- P4 programmable switching

Projects

Electoral Complaints Management System(eCMS):
Web Application for tender Africa a contractor of the electoral commission of Uganda.This system consist of five levels from a nomal voter,polling agent,district,headquaters.its has been developed using python,vue js,reactjs and others. https://github.com/edgartutu/eCMS-vue-

Students Final Year Submission Portal (FYP):
Web Application for the college of engineering to enable final year project submission process simple for the department of Electrical and computer. The project was developed with Flask python,Postgress SQL,Vue js and completed on the 7Th of July 2019 .References are provide on the Repository. https://github.com/edgartutu/FYP

Anti counter-fit cypress for medicals :
This system was developed as an innovation to reduce on the rampant spread of counter fits in Uganda.it was developed through using flask,SQlite and adobe XD for the front end. its reference is provided in the Repo: https://github.com/edgartutu/User-Interface

Emis System for Academics:
This system was developed to help Arua district in managing Academic data.It is a desktop application developed using python and pyQT5.It is currently deployed in Arua district and in use. https://github.com/AAOMACH/Emis-system

Wireless Gas Control system:

This system was my final year project at the college of engineering.This involved use of programmable devices such as a rasberrypi in order to develop a low cost house hold system to combat cooking gas leakages in a home .

Repository:

https://github.com/edgartutu

Enterprise Software solutions

Three years of experience in developing web applications for private and public organisations.

References:

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