








Maximo Mugisha

Senior Software Engineer

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Competent, forward-looking Computer and Software Engineer with 6+ years experience in creating and innovating ideas into software solutions to enhance business productivity. Consistently recognized as a hands-on leader, skilled at project collaboration in cross-functional teams with a fast-paced, deadline-driven environment to steer timely project completion and within budgetary constraints.

Experience

COMPUTER MEDICS LIMITED | Software Developer

May 2022 – Up-to-date | Rume Towers, Nakasero, Kampala

- Currently employed as full time Senior Back-end software developer in Python for different projects.
- Also part of the DevOps team for different several projects.

SHOPTO UGANDA LIMITED | Senior Back-end Engineer

April 2019 – June 2021 | Kampala, Uganda

- Started as a Junior back-end developer in Ruby and Ruby on rails.
- Later Promoted to Senior back-end developer in Python and Django.
- Among the roles was developing a USSD application to use on phones that are not smartphones

MAKERERE UNIVERSITY - ARMS PROJECT | Software Developer

May 2016 – March 2018 | Makerere University, Kampala.

- Designed and implemented a Digital signage System at the college of engineering, Design, Art and technology that helps in information dissemination on the screens in the college, using Raspberry Pi technologies.
- Designed and implemented an MVP of an election/poll system to aid in student leadership elections at the same college.
- Website design and development.

RETIREMENT LIFE HUB C.T.O | Web Developer

September 2019 – January 2022 | Kyanja, Kampala

- Chief Technology Officer – Always work hand in hand with the CEO in brainstorming and implementing strategies for the development of the company's Technology for better service delivery.
- Bulk email and social media management

FREE LANCE SOFTWARE DEVELOPER | Python, Ruby, JavaScript

Since 2016 | Kampala

- Since 2016, I have been working on freelance projects and solutions with different teams and companies, the latest being an auto irrigation and garden environment monitoring system

Projects

JUDICIAL SERVICE COMMISSION HUMAN RESOURCE SYSTEM | Python / Django / React

2022

- Developing the Back-end of the Human resource of the Judicial council of Uganda known as the Judicial Service commission
- Managing Databases, Hosting, and maintenance of the servers on which the system is hosted.
- DevOps lead on the entire project

IRRIGATION APP | Python / Django

2021

- This app helps monitor soil conditions like temperature and moisture and alerts users in case there is need to irrigate or add fertilizers.
- It incorporates AI that predicts chances of raining depending on the environmental conditions

SHOPTO APPS | Ruby/ Ruby on Rails and Python/Django

2019-2021

- Shopto App is an Inventory management system for shops.
- Shopto delivery App is a system for making orders, purchase delivery for shop items especially to remote shops.

FARMGAIN APP | Python/Django

2020

- This is a system for connecting farmers to buyers in big markets all around Uganda
- It eliminates the middle man effect of under pricing farmers.

DESIGN PROJECTS | Adobe Illustrator | Figma | Adobe XD | Adobe Photoshop

Since 2016

- Worked on several designs for web, print and branding in the above software
- Built UIs for different Mobile Apps and Web Apps

VARIOUS WEBSITES | WordPress | Python | HTML and JavaScript

- I have designed, developed and maintained various number of websites that are still active and fully functional with total customer satisfaction.

Service | Voluntary Work

- I trained young innovators at an innovation camp in Soroti, sponsored by MIT-DLab when I was reached out to by Resilient Africa Network (RAN) in January 2019.
- I also volunteered to teach students from different schools on how to integrate technology with Agriculture at UCU Mukono, sponsored by RAN
- As an Africa code week implementing partner, I have since 2017 been volunteering to teach coding and problem-solving skills using technology to students from as young as 9. The project is sponsored by SAP, Irish Embassy, UNESCO and many more.
- I carried out a training to local farmers in Northern Uganda and the West-Nile, developed a system for them to help them catalogue their produce with the prices using smartphones. This has helped them eliminate the problem of middle-men unfair pricing of their produce. This project was sponsored by Action for Livelihood Enhancement in Northern Uganda (ALENU), Office of the prime minister, DINU, CARITAS, AFARD, GWED-G and European Union in October 2020.

Skills

PROGRAMMING

Python • Ruby • JavaScript
Android Development
Kotlin • Flutter

LIBRARIES/Frameworks

Node.js • Django • React • MySQL •
Postgres

TOOLS/PLATFORMS

A.W.S • Github • Docker • Heroku •
GCP • Wordpress

Education

MAKERERE UNIVERSITY

Bachelor's in Computer Engineering
Sep 2015 - Jan 2020 | Kampala, Uganda
College of Engineering, Design, Art
and Technology

NTUNGAMO HIGH SCHOOL

Uganda Advanced Certificate of
Education
March 2013 - Dec 2014 | Ntungamo, Uganda

BISHOP OGEZ HIGH SCHOOL

Uganda Certificate of Education
Feb 2009 - Nov 2012 | Bushenyi, Uganda

Awards / Honors

CODEIT INSTITUTE OF TECHNOLOGY

Certificate in Python, BlockChain and AWS

Jan 2021 | The Innovation Village Kampala

AFRICA CODE WEEK

Certificate for Training (others) programming Using Scratch

Annually since 2017

MIT | D-LAB

Certificate of collaboration to finding practical solutions to alleviate poverty

January 2019

References

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