

CONTACT DETAILS

Name: Kaganzi Timothy

Age: 26 years old

Gender: Male

Nationality: Ugandan

Address: Buloba, Wakiso

Languages spoken: English, Luganda, Rutoro

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PERSONAL PROFILE

I am a curious, adventurous, reliable, honest, responsible, dynamic, versatile, and committed team player. In addition to the ability to work in a team-based environment, I can adapt quickly to learning and attaining the required skills.

EXPERIENCE

Period: 2019

Company: Uganda Revenue Authority

Position: Intern

The work involved; software development where I learned the software development life cycle principles, web app development, and deployment of web applications on Microsoft Azure. I was assigned to develop a SACCO management system for a given department. It involved the use of Microsoft SQL Server and Entity Framework based on the .NET Framework. I also learned to provide documentation throughout the Software Development Life Cycle.

Link: <https://github.com/Tysonic/PMWelfare>

Period: 2018 to 2019

Position: Freelance Web Developer

The work involves; creating static websites for customers and other web applications which are more dynamic. I was also able to provide online solutions to different Clients who needed extra help on their projects through the use of online platforms like Upwork.

Period: 2020 to 2022

Company: MunoClub Company Ltd

Position: Full Stack Web Developer

This work involved; creating web applications that include: Content Management System for a given NGO where they could update the information which is meant to be displayed to the customers or Clients and show the different activities that are being carried out by the organization. The hospital Management system involved various processes from patient check-in, consultation, Laboratory testing, setting Doctor Appointments, and patient check-out. E-commerce Web Application with online payment API integration which includes a user Monthly Subscription to shop from a selected range of food items.

Sample URLs: <https://drhabo.com/> <https://web.harvestfoods.ug/>

PROJECTS

Security Layer for Weather Information Web Application

This project involved providing a secure layer for a Web weather Data Application. It involved having to add various security principles to the web application which include role-based authentication and permissions-based usage, data encryption at rest and in transit, Application logging of any activity done while using the application that is every action is logged and which user carried out that action and at what time it was done and lastly was adding the feature of typing patterns where the system would track the user's typing pattern and identify the different user based on typing patterns.

Human Resource Web Application.

This project involved developing a Human Resource Application that would help in the enrollment of employees, keep track of various employee contracts and expiration, track employee appraisals, Track employee leave days, User action logging for security, and role-based Authentication. Those were the key features involved in this project. I used Laravel with MySQL to develop the application.

Link: <https://github.com/kagsburg/hr-web-app>

Rental Management System

This project involved designing and developing a Real Estate Management System. I used React for the front end and Laravel with MySQL to develop the API. The system would enable the various landlords to keep track of revenue inflows from their different real estate investments and the various defaulters who have not yet paid based on the tenancy agreement.

Link: [kagsburg/Rental-online](https://github.com/kagsburg/Rental-online)

Edu Chat Room Web App

This project was an individual project that I worked on as I was learning the various principles of Django. A given user can create rooms and other users can join that room and have a discussion on a given topic in that room. I used Django, JavaScript, and SQLite to develop it

Link: <https://github.com/kagsburg/EduDjango>

EDUCATION

Bachelor's Degree of Science in Software Engineering, 2020; Makerere University, Kampala

Certificate in Cloud Computing, 2020; Huawei Technology, Kampala

Advanced Level Certificate, 2015; Uganda Martyrs' Secondary School, Namugongo

Ordinary Level Certificate, 2012; Uganda Martyrs' Secondary School, Namugongo

TECHNICAL SKILLS

- Interconnection of the different electronic components such as sensors with power circuitry to attain the required system mechanism.
- Technical Knowledge of Cloud Platforms such as AWS and Google Cloud Platform.
- Web Application Deployment on Cloud platforms like Heroku, Digital Oceans and Ionos
- Integrations of 3rd party APIs.
- Frameworks used Laravel, Django, and React.
- Software programming using PHP, MySQL, Python, Nodejs, and JavaScript.
- Using different collaboration platforms GitHub and Gitlab.
- Working with the Microsoft Office suite and other tools such as Figma for User Interface Design.

HOBBIES AND INTERESTS

I am capable and enjoy participating in various co-curricular activities such as games and sports and engaging in volunteering works to give back to the community using the skills and knowledge I have attained through the different pieces of training.

REFEREES

Enos Wakoko| Supervisor| Uganda Revenue Authority|

Mr. Derrick Luwaga| Developer Lead| Muno Club|

CERTIFICATION

I, the undersigned, certify that to the best of my knowledge and belief, this data correctly describes me, my qualifications, and my experience.