

kelvin zawala

Software Engineer

Accelerated experience as a Python Developer in the evaluation, designing, deployment, integration, testing, and maintenance of frappe and core technologies.

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EDUCATION

BACHELOR OF TECHNOLOGY HONORS DEGREE IN SOFTWARE ENGINEERING

Harare Institute of Technology

06/2019 - 09/2023

Zimbabwe

Courses

- Software Project Management
- Advanced Databases
- (refer to certificate for more)

WORK EXPERIENCE

Software Developer Africom/Durihub

09/2021 - Present

Harare/Zimbabwe

Roles/Tasks

- Designed and developed custom apps using frappe framework to meet various business needs and requirements.
- Deployed and managed an erp program based on frappe for africom, a leading telecom company in Zimbabwe.
- Managed the infrastructure that runs VoIP services using cgrates, a high-performance billing system.
- Provided customer support and automated mysql and mongo queries to ensure data integrity and quality.
- Deployed an automated billing service that uses grpc to trigger events on nodes, resulting in improved efficiency and accuracy.
- Administered Linux systems using ansible and other tools, ensuring security and reliability.
- Implement integration with various payment gateways such as Paynow, PayPal, Stripe, and Braintree to enable purchasing of VoIP airtime.
- Interfaced microtik technology with python, golang and ansible to automate tasks, enhancing productivity and performance.

SKILLS

Python

JavaScript

Ansible

GitHub

Frappe framework

nginx

gRpc

Rest APIs

MySQL

OOP (Object Oriented Principles)

SDLC

Basic Accounting

Docker

Linux

Adode Xd

Agile Methodologies

Erpnext

Wireguard

PERSONAL PROJECTS

Plant Disease Detection using jetson nano and zed camera (11/2022 - 05/2023)

- Running of pytorch and tensorflow models with full stereo vision on jetson nano.
- Different packages used lie on different branches of the same code

Deployment and customization of erpnext (04/2023 - 04/2023)

- Create a frappe app to file pdfs and pictures of images, creating an index that can be searched through.
- Deployment of a monolith erpnext of an undisclosed company

ORGANIZATIONS

Africom/Durihub (09/2021 - Present)

Junior Software Developer

LANGUAGES

English

Full Professional Proficiency

Shona

Full Professional Proficiency

INTERESTS

Machine Learning

Embedded computing

Hydroponic Farming