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
- (refer to certificate for more)
- Advanced Databases

WORK EXPERIENCE

Software Developer

Africom/Durihub

09/2021 - Present   *Harare/Zimbabwe*

Roles/Tasks

- Developed custom apps using frappe framework to automate fiscal processes and ensure compliance with the law.
- Deployed and managed an in-house erp program based on frappe, reducing the cost of outsourcing and enhancing the control over the system.
- Implemented an automated billing service using cgrrates, a high-performance billing system, that eliminated the need for manual account management and improved the accuracy and efficiency of invoicing.
- Administered Linux systems using ansible and other tools, saving time and resources by automating tasks and ensuring security and reliability.
- Integrated various payment gateways such as Paynow, PayPal, Stripe, and Braintree to enable purchasing of VoIP airtime, increasing customer retention and revenue collection.
- Automated tasks and optimized performance by interfacing microtik technology with python, golang and ansible.

SKILLS

Python   JavaScript   Ansible   Git

Vanilla Php   Frappe framework   nginx   gRpc

Rest APIs   MySQL

OOP (Object Oriented Principles)   SDLC

Basic Accounting   Docker   Linux   Adode Xd

Agile Methodologies   Loki Monitoring   Grafana

Erpnext   Wireguard   Django

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)
Software Developer

LANGUAGES

English
Full Professional Proficiency

Shona
Full Professional Proficiency

INTERESTS

Machine Learning   Embedded computing

Hydroponic Farming