

Mason Mapfundematsva

Python Developer

Software Engineer adept in bringing forth expertise in the design, development, testing and maintenance of software. Proficient in various platforms and languages, including Python(Django, Flask, FastAPI), SQL and Google Cloud. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

WORK EXPERIENCE

Software Engineer

September 2022 - Present

Neuwelt Co., UG

- Standardizing security practices for Web and Software Development.
- Developing web applications while adhering to best practices and ensuring delivery of clean & scalable code based on specifications.
- Create technical documentation for reference and reporting.
- Troubleshoot, debug and upgrade existing software
- Working closely with other developers, UX designers, and business and systems analysts to meet development objectives.

Marketing Software Developer

July 2021 - September 2022

Dial-A-Drink, ZW

- Built and deployed an Online Store that currently grosses \$5000 a month independent of other sales channels.
- Developed an order management system to assist in receiving and dispatching orders, processing more than 100 orders weekly.
- Implemented a marketing plan for the online store to increase traffic and sales conversions by 20%.
- Integrated stock management to the ordering system to centralize the management and availability tracking of more than 100 products.

Software Developer & Support Engineer

October 2020 - August 2022

Nubiacom Limited, UK

- Designed an integration plan for Afrosites.com - a web hosting service capable of hosting over 1000 websites.
- Developed a multi-tenant SaaS that aids in data retention for organisations that deal with Young Persons in the UK, able to scale to 1000 tenants currently.
- Implemented the DevOps pipeline to aid software development within the company, across 3 different products.
- Lead a development team working on 3rd Party API integration (including payment gateways) on an airtime selling platform offering more than 10,000 products across 150+ mobile networks.
- Redesigned the Kurira mobile application(Android and iOS) and Website to optimize for user experience.

CONTACT

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- github.com/masonk16

SKILLS

Languages and Frameworks:

- Python (Django/Flask)
- HTML/CSS
- JavaScript
- PHP
- MSSQL
- MySQL
- PostgreSQL
- WordPress
- Docker
- Kubernetes
- Google Cloud Platform
- Azure
- CI/CD Pipeline
- Linux
- Windows Server
- C
- Shell
- REST API
- JSON
- Git

LANGUAGES

English
Shona
KiSwahili

Graduate Trainee (Software Development) September 2019 - October 2020

Centric Data, ZW

- Standardised documentation to include proposals, test plans, user guides and final reports for 20+ software and web development projects.
- Overhauled 10+ client websites to spruce up functionality and UI/UX - decreasing bounce rate by an average of 15%.
- Developed an implementation model for Moodle LMS to aid online classes during the pandemic - implemented Moodle for 2 schools including a university.
- Conducted the migration of the company web hosting service while simultaneously implementing a disaster recovery plan - the new environment reduced costs by \$5000 per year.
- Successfully migrated the Farm Insurance system to multi-server architecture to allow for delivery across more than 500 farms managed.

EDUCATION

Bachelor of Business and Information Technology September 2015 – October 2019

Africa Nazarene University, Kenya

CERTIFICATIONS

Software Engineering March 2022 - *Present*
ALX Africa

Mobile Web Specialist February 2021 - December 2021
Google Africa Developer Scholarship

Associate Cloud Engineer February 2020 - December 2020
Google Africa Developer Scholarship