

Junior Python Developer
Harrison Kimani Waiganjo

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EDUCATION

Masinde Muliro University of Science and Technology , Kakamega,Kenya,

September 2018-December 2022 • Bachelor of Science in Computer Science.

Emobilis Technology Training Institute,Nairobi,Kenya January 2023 - May 2023

- Full Stack software development and Android development.

KNOWLEDGE AND SKILLS

Knowledge

- Proficient in Python programming language.
- Proficient in building scalable websites backends using Django.
- Familiarity with django rest framework.
- Experience in MVT(Model,views,Templates) Django structure.
- Experience in Django Allauth,Forms and Elastic search.
- Proficient in third party Api integration such as M-pesa.
- Proficient in Discord bots using python.
- Proficient in both SQL and No-SQL databases.
- Proficient in data manipulation using data structures and Algorithms
- Familiarity with unit testing of applications using Pytest.
- Proficient in using version control tools specifically Git.
- Experience in testing APIS using postman.
- Understanding of Agile Software methodologies.

Skills

LANGUAGES: HTML5,CSS3,Javascript,Python.

FRAMEWORKS: Bootstrap5,Django,FastAPI.

TOOLS: Git , Github , Docker , MySQL , SQLite , PostgreSQL ,Rest
APIs(Django Rest Framework) and Postman.

EXPERIENCE

- I developed a fully functional Mpesa-Integrated Ecommerce website([click here](#)) that includes

various features. The website incorporates authentication, search functionality, adding products to the cart, removing products from the cart, and enables products upload using Django admin. Additionally, the site offers order tracking based on user accounts. The payment process is streamlined using Mpesa, wherein the user enters their phone number during checkout and clicks on the 'pay' button. Subsequently, the user receives a message on their phone, prompting them to input their Mpesa pin.

- I created a Django CRUD system([click here](#)) that allows users to perform essential data operations in the Django admin interface. This includes the ability to create, read, update, and delete data. For the front-end of the system, I utilized HTML and CSS to design and develop the user interface.
- I developed a discord weather bot that fetches weather updates from any city in the world using the weather Api([click here](#)).
- I documented my python programming journey from variables to python sql database Connection ([click here](#))

PROJECTS

- [Mpasa-Integrated-Django-Ecommerce-Website\(click here\)](#) - This is an ecommerce system that has an HTML, CSS, JavaScript, and SCSS frontend, and a Django backend.
- [Django-Crud-System\(click here\)](#) - This Crud system uses HTML,CSS,bootstrap frontend and Django backend.
- [Python-Discord-weather-bot\(click here\)](#) -This is a discord weather bot I developed using python,discord server and the weather ap i(<https://www.weatherapi.com/>).