

**Junior Software Engineer**  
**Harrison Kimani Waiganjo**

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**EDUCATION**

**Masinde Muliro University , Kakamega , Kenya**

**September 2018-December 2022**

- Bachelor of Science in Computer Science.

**Emobilis Technology Institute , Nairobi , Kenya**

**January 2023 - May 2023**

- Full Stack software development and Android development.

**KNOWLEDGE AND SKILLS**

**Knowledge**

- Python Programming Language.
- Building responsive website user-interfaces using html,css and JavaScript.
- Building scalable website backends using Python..
- Django rest framework.
- Django MVT(Model,views,Templates) structure.
- Database design and management using both SQL and No-SQL databases.
- Django allauth,forms and elastic search.
- Third party Api integration such as M-pesa.
- Unit/Integration testing(Automated and manual) of applications using Pytest.
- Building Discord bots using python.
- Testing APIs using Postman.
- Data structures and algorithms using python.
- Building restful Apis from scratch.
- Building Machine Learning Models using Python.
- Agile methodologies.

## Skills

**Languages:** HTML5, CSS3, Javascript, Python, SQL.

**Frameworks:** Django, Flask, FastAPI, Bootstrap5.

**Tools:** Git, Github, Docker, MySQL, MongoDB, SQLite and PostgreSQL databases, Rest APIs(Django Rest Framework), CI/CD, Manual and Automated testing(Pytest) and Postman.

## PROJECTS

- [Mpasa-Integrated-Django-Ecommerce-Website\(click here\)](#) - I developed a fully functional Mpasa-Integrated Ecommerce website 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 Mpasa, 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 Mpasa pin.
- [Django-Crud-System\(click here\)](#) - I developed a Django CRUD system that allows users to perform essential data operations in the Django admin interface. This includes the ability to create, read, update, and delete data.
- [Python-Discord-weather-bot\(click here\)](#) - I developed a discord weather bot that fetches weather updates from any city in the world using the weather Api.
- [Python and SQL basics\(click here\)](#) - I documented my python programming journey from variables to python sql database Connection.