Kelyn Njeri

Full Stack Software Engineer who's main languages are **Java**, **Ruby**, **Python** and **Golang** and is passionate about building both web applications and mobile applications.

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EXPERIENCE

Self-Employed, Remote — Software *Developer*

AUGUST 2017 - PRESENT

Main role is to: design Website and Web App User Interfaces and User Experiences, develop scalable software solutions for my clients i.e Web Apps, Mobile Apps and Websites, deploying client software solutions.

Q-Initiative, Eldoret,Kenya — *Full Stack Web Developer*

JANUARY 2020 - MAY 2020

Created a user friendly interface for the website, improved the latency of the website by 10%, restructured the existing Back-end and optimized the SQL queries.

PROJECTS

CipherMe — *Python Encryption Package*

Used Python and modular arithmetic to build a Cryptography Python package that implements classic encryption schemes such as Vigenere, Caesar and RSA. Version 2 of this is currently in beta.

KilimoBora — *AI powered Smart Farm.*

Used some Networking and IoT knowledge to come up with a smart farm that has an AI model that with the aid of a Convolutional Neural Network and camera scans the crops in the farm for diseases such as leaf rot and bacterial spots. The data and the final plant diagnosis is then relayed back to an Android app.

Tafuta App — *House Hunting Application*

Used Android and Tensorflow Lite to come up with an Android application that enables the users to find houses/hostels at an affordable price through the use of machine learning and recommender systems.

SKILLS

AWS

Android

Django

Ruby On Rails

React & Redux

Postgresql

MongoDB

Flutter

Flask

DevOps

Web Design & Development

LANGUAGES

Python

Java

Golang

Ruby

JavaScript

EDUCATION

Laikipia University, Nyahururu, Kenya — *Bsc Computer Science*

AUGUST 2017 - MAY 2022

Majored in Software Development. Fundamental modules were: Data Structures and Algorithms, Object Oriented Programming, System Analysis and Design, Web Design and Development, Internet of Things, Principles of Software Engineering, Artificial Intelligence, Database Design.

Microverse, Remote — *Software Development*

MAY 2020 - MAY 2021

Skills acquired were: HTML & CSS, Ruby, Ruby on Rails, JavaScript, React and Redux and Algorithms and Data Structures