Kelyn Njeri

Full Stack Software Engineer who's main languages are **Golang**, **Python** and **JavaScript** and who is passionate about building scalable and efficient tech solutions.

Nakuru, Kenya
GitHub
LinkedIn
+254799670419
kelyn.njeri@gmail.com

EXPERIENCE

Naya Labs, Washington D.C, United States of America — Lead
Senior Software Engineer (Fullstack)

JANUARY 2022 - PRESENT

Worked alongside and led a team of Software Engineers to build a DevOps and a News Aggregation platform.

Key Achievements as **Senior Software Engineer** on the Veenly Project:

- Built out the User Interfaces of web apps.

- Managed team timelines related to code sprints.

- Built User Interfaces using Svelte that adhered to the company UI/UX designs.

- Translated company designs into business functionality.

- Communicated hand in hand with the end users to gather functionality

- Redesigned SQL queries to reduce API latency by 30%.

- Migrated existing software from AWS to GCP.

- Led a team of other engineers to clear bugs on the backlog.

- Worked in a distributed team to deliver quality code to our multiple clients across the globe.

Key Achievements as **Lead Backend Engineer** on the Backbone Project:

- Architected and documented the backend.
- Worked alongside the founder to elicit functional and non-functional system requirements.
- Used TypeScript and NestJS to build out multiple microservices.
- Shipped production code to AWS Fargate and AWS EKS.
- Implement inter-service communication using Amazon MQ as a message broker.
- Worked alongside other engineers to integrate the backend.

LANGUAGES

Python

Golang

TypeScript

JavaScript

Dart

Ruby

Rust

Elixir

FRAMEWORKS

ReactJS

NextJS

Phoenix

Ruby on Rails

Flutter

Flask

Tensorflow

DATABASES

MongoDB

PostgreSQL

MySQL

Fundle, Kigali, Rwanda — *Lead Software Engineer (Fullstack)*

JANUARY 2022 - APRIL 2022

Led a team of Software Developers to build an innovative project that scales seamlessly and that delivers basic Financial Literacy info to the users.

Key Achievements:

- Built a financial literacy search engine.
- Added an NLP model to allow users to search by voice.
- Architected an event driven microservice architecture.
- Planned and organized weekly sprints.
- Wrote majority of the Payment microservice that enables users to trade using real cash on the platform.
- Created a loyalty reward system for the user.
- Refactored and cleaned up the codebase to ensure it was in line with current industry best practice.

Sono Labs, Nairobi, Kenya — *Software Engineer Intern*

APRIL 2021 - JANUARY 2022

Worked with other Software Developers to build client facing Mobile and Web Applications that scale in production.

Key Achievements:

- Built a Flutter Nutrition application that helps keep track of your nutrition and also helps you achieve your goals by offering recommendations.
- Automated logging food entries by building a Machine Learning food detection system.
- Wrote CI/CD scripts for client facing projects to help automate deployment upon successful builds.
- Used Golang as a backend language to build out client facing features..
- Worked on a PHP/Laravel Property Management System.
- Integrated payment gateways such as M-Pesa Daraja API.
- Migrated the legacy PHP Property Management System codebase to Ruby on Rails.

Self-Employed, Nakuru, Kenya — *Software Engineer*

AUGUST 2017 - JANUARY 2022

Worked in teams to build Software Products.

Key Achievements:

- Developing scalable mobile and web applications.

CLOUD

AWS

GCP

DEVOPS

Github Actions

Kubernetes

Docker

Travis CI

Circle CI

- Cleaning up and optimizing codebases.
- Helping small companies create a web presence.
- Migrating company data from one SQL database to another or from a NoSQL database to a SQL database or vice versa.

Sortika, Nairobi, Kenya — *Full Stack Engineer*

MARCH 2021 - JULY 2021

Worked alongside other Software Engineers to build a web based platform.

Key Achievements:

- Created a scalable fullstack lottery web app that uses Golang as a backend language, ReactJS on the frontend and Firebase as the database.
- Wrote unit, integration and acceptance tests.
- Improved application performance by 10% by reducing the number of database calls and caching data using Redis

Q-Initiative, Eldoret,Kenya — *Full Stack Engineer*

JANUARY 2020 - JUNE 2020

Key Achievements:

- Carried out Design Thinking Sprints to gather user requirements.
- Designed User Interface and User Experience of the company website.
- Built the website and connected it to a Content Management System(CMS)
- Optimized the website's performance by reducing latency and slow data loading on the frontend.
- Build the backend service in Ruby on Rails.

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.