Allan Muiruri

Passionate Software Developer who loves challenging opportunities and building solutions through code.

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EXPERIENCE

TechSol Systems, Nairobi — *Industrial Attachment*

February 2019 - August 2019

I developed static websites and shipped them to Heroku Servers.

Blessed Systems, Ruiru — *Volunteer*

March 2017 - July 2018

Assisted in networking and software related maintenance and configurations.

PROJECTS

Nilishe — *Food Delivery Web Application*

Nilishe is a food delivery web app which allows a user to create a personal profile, view menus from restaurants, order food, pay in-app, monitor the delivery in realtime, chat with the delivery guy and leave a review. SQLite is used as the database, backend in Django, Django-channels for websockets, Mpesa API for payments and Redis for caching.

Weddit — *Social Media Web Application*

Weddit is a mock reddit clone which enables a user to create a personal profile, post status updates on the platform, follow and unfollow subweddits and view user activity in real-time . SQLite is used as the database, Django as the backend, Django channels for websockets, Redis for caching and Travis CI for continuous integration.

Chatty — *Customer Service Bot*

Chatty is an independent, automated web based chatbot which acts as a customer service representative and responds to user prompts.

Django is used for the backend, Vue for the frontend, NLTK for language processing.

SKILLS

Python

Django

Django REST Framework

Flask

HTML, CSS, Javascript, JQuery

PostgreSQL, SQLite, Redis

Git

C.I (Travis CI, Github Actions)

REST API

Docker

Heroku

EDUCATION

Zetech University, Ruiru

January 2017 - October 2020

Pursued a Diploma in Software Engineering.

Kanunga School, Kiambu

Jan 2012 - December 2015

FrontPage — *News Aggregator*

Frontpage is an aggregator that utilizes web-scraping to source trending news from major websites into one easily accessible page for a user to access.

Django is used for the backend, BeautifulSoup for scraping and PostgreSQL for the database.

MyCrypto — *Crypto Wallet Desktop App*

MyCrypto is a desktop application that allows a user to view cryptocurrency prices, add to his/her portfolio, monitor their profit/loss margin based on the current price and initial buying price.

Tkinter and Python are used for the GUI.

Twitter-bot — *Bot*

This bot allows a user to perform automated tasks e.g liking , retweeting and commenting on tweets.Also interacts with tweets using with a specified hashtag

Tweepy and Python were used in the development of the bot.

REFERENCES

-Mr Robert Ng'ang'a (Director)
  0721390960
  Favoured Technology Systems

-Mr Githinji (Director)
  0728285151
  TechSol Systems