

Samuel Muiruri

Python / Django developer (Full Stack)

Age: 27

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Stackoverflow: <https://stackoverflow.com/users/6355473/samuel-muiruri>

Github: <https://github.com/Six-wars>

I've got +5 years experience in Django and almost expertise level in Python.

I have experience working alone on projects and in a team of developers.

Comfortable with front-end development and have been left in charge of running, migrating and maintaining server of popular site(s).

Tools worth mentioning

- **Nginx:** *familiar with it, use it always.*
- **Gunicorn:** *also familiar and use it mainly.*
- **AWS:** *migrated a django site to AWS*
- **Django 1.8:** *latest version I've used so far.*
- **Jquery & Bootstrap:** *my preferred front-end tools.*
- **django-allauth:** *used to setup OAuth accounts for facebook, twitter, and more.*
- **django-rest-framework:** *worth mentioning, used on a demo site only.*
- **matplotlib:** *I used it to create a few simple graphs, from the docs know it's full capabilities.*
- **reportlab:** *I used it to create Movie Ticket pdf's for KenyaBuzz*
- **Angularjs:** *have used it only to get a feel of how it works*
- **virtualenv:** *implemented it on pluscolor.co.ke where Django site runs on virtualenv*
- **Selenium:** *useful for automation browser processes and testing user activity*

Education

K.C.S.E (Kenya Certificate of Secondary Education) **Grade:** C+ : 2006 - 2009

Kenyatta University: **Diploma in Information Technology** : 2011 – 2012 (discontinued)

In the last year (2012) I was working full time at Lamu Software as a Django Developer, since my intent was to finish the course and pursue a course in Computer Science I re-evaluated and realized with skills from the field I could bridge into the course later on.

Udacity: udacity.com

Since it launched I've taken courses offered there like "Introduction to Artificial Intelligence".

In my free time taking a course in Machine Learning.

Experience

Before start of work history I worked for “Lamu Software” which was a startup specializing in developing sites using Django. I started here as a junior developer, but the company later on closed.

After leaving Lamu Software and in between then and now I have worked on a number of small projects notable one; using “Vidi Reports” which returns facial recognition data such as; age, sex, mood, watching/not watching ... in json & send the data to django so on a screen (with a camera) show user based ads. For example have one ad for men and another for women and based on the majority gender play the ad.

Kenya Buzz – kenyabuzz.com

2015 – 2017

I’ve worked here as a django developer in charge of maintaining the day to day running of the site. During this time I’ve honed my skills as a front-end dev and also improved in backend dev too.

Kenya Buzz is a *lifestyle website* which has lifestyle articles, events happening in Kenya, movie listing and the option to buy movie tickets for some theatres in Kenya. At the time I joined the ticketing was handled by another provider then hosted on the site using iframe. I since then moved it in house, set up the ticketing; so you can select a seat, pay and get a ticket sent to your email.

I also worked on editing the front end to a more modern look.

Note: *Early this year 2017, Nation Media Group acquired Kenya Buzz in a merger, from this came the task to migrate the site to AWS and later switch to PHP. Since I left they have finished testing and launching the new site.*

Alix Grubel - CEO

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Kazi Lynk – kazilynk.com

2017 – to date

Kazi Lynk is a job listing site that matches jobs to job seekers and also lists services that target the Kenyan Market.

Soft Launch on October 2017.

Damaris Agweyu - Site Owner

damaris@kazilynk.com or agweyud@gmail.com

+254 703 413 421

Samuel Muiruri – Main Developer

support@kazilynk.com

+Color – pluscolor.co.ke

2017 – to date

Started by me (and still), +Color started as a gallery for images just showcasing example images transformed from black & white to coloured using machine learning, this also applied to images with color.

Example: <https://pluscolor.co.ke/colourizer>

The above led to the core concept behind the galleries:

- <https://pluscolor.co.ke/gallery>
- https://pluscolor.co.ke/gallery?photo_id=130
- <https://pluscolor.co.ke/african-history>

There's also the timeline which shows images shared by users (including the results from +Color Apps): <https://pluscolor.co.ke/timeline>

+Color Apps

Color Picker: <https://pluscolor.co.ke/color-picker>

*Allows you to pick a color (by hex code) from an image by clicking the spot on the image.
This is copied to your clipboard.*

Color Editor: <https://pluscolor.co.ke/color-editor>

Allows you to edit an image using “color rules”.

Example: <https://pluscolor.co.ke/color-editor-example>

Not yet launched still figuring out sockets

Pre-sockets recording: <https://youtu.be/E8VxffpCQ3w>

Color Delete: <https://pluscolor.co.ke/delete-color>

Allows you to delete section(s) of an image: (works but without sockets)

Example: <https://youtu.be/-EiCraPtVIY>