

Samuel Muiruri

Web Developer

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

Bitbucket: https://bitbucket.org/muiruri_samuel/

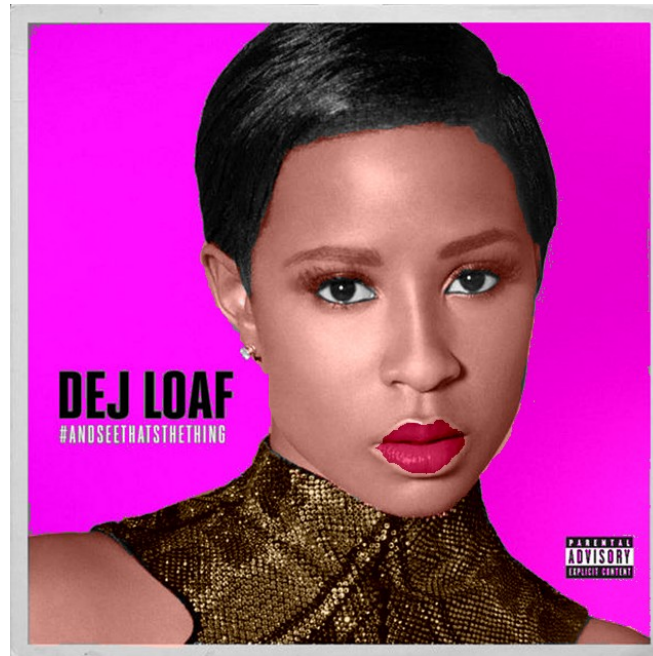
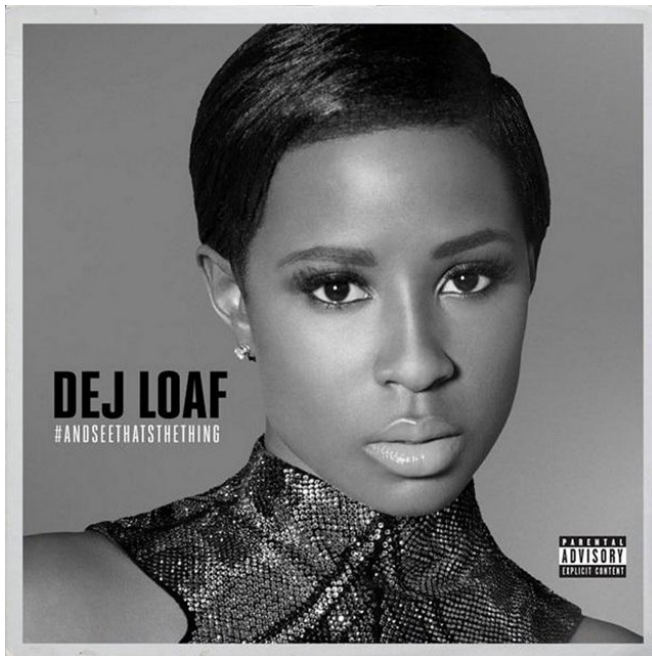
I code mostly using **Python** a powerful yet simple to use programming language.

I do Web Development: with Django, for the front and back-end. If you're looking for a functional user friendly site that looks great from the front-end and with a backend that's fast without needing to invest in massive server specs at the start you should consider [request a quote](#), after all it's free and after developing websites since 2012 I can tell you the complexity of your project and how you can manage it.

Django is modular: like a modern CRM it's intended to be built in a way that you should be able to edit most if not all content on the front-end from the backend with a simple and easy to use page and the backend comes with cool inbuilt features like: controlling user privilege so your staff accounts can be limited to only what they should edit ensuring you feel more secure and in charge of your site. The front-end is built with the backend in mind so can specify when you want content to appear, disable viewing of content instantly and arrange your content based on your preference. Your creativity is the limit of what's possible... within reason, just be reasonable it's code not magic. 😊

Experience

This is PixelArt a project I've been working on, a webapp in Django that allows you to edit images using colors for example coloring a black and white image or swapping colors in a colored image. (Example results below)



Before

After

I'd already open sourced the code available on [Github Repo](#) and now there's a [live demo](#) of the project [here](#).

To learn how to use it please checkout [this youtube playlist](#) or read the instruction below the live demo. The video tutorial will show how to do this step by step with this black and white image and also with a colored image.

It also includes instructions on how to set the project up locally on your pc if you want to, i mean why not, it's open source 😊

DecoMagna

Position: Independent Developer

Duties:

Re-design site using Django.

Start Date: Oct. 1, 2018

End Date: Feb. 6, 2019

Contract

Position: Independent Developer

Duties:

Using Quividi a system that processes info from the camera and returns relevant information like the number of people, age, sex, concentrating on the screen, mood, with/without glasses etc. Built a python API to read from it's system output.

Linked the output to a Django site that based on this feedback would choose which ad to show.

Start Date: July 10, 2017

End Date: Sept. 22, 2017

Contract

Position: Independent Developer

Duties:

Create from bottom up job listing site

Implement Oath login for Google, Twitter, Facebook and LinkedIn

All post requests used ajax with csrf token

Return HTML response in ajax for "Add Another" item that worked

Project was built with intent of using all available best open source tools

Added OpenSSL to the site for https

Start Date: April 19, 2017

End Date: Oct. 4, 2017

KenyaBuzz

Position: Web Developer

Duties:

Developed internal movie & event ticketing platform using reportlab including designing the layout, js and seat selection

Deployed mobile version of the site that serves a different template for mobile devices

Implemented javascript based caching of results for booking movie tickets that would give saved results for a selection and at the same time query for new data allowing for a tailor made offline first experience. It would thereafter update the dict giving a fast user experience

After the server at time would become unresponsive and needed to be restarted, implemented a cronjob that would listen and check if gunicorn was running and the site itself. If so logs "no action taken" otherwise restarts gunicorn and note of the two which were also down. This made life easier and better way to track the source of the problem.

Setup Combo offers like couple tickets.

Where needed updated the code, and django itself from 1.5 to 1.8 compliant

Integrate with payment gateway JamboPay and Bardo

Trained Intern on how to work with Django in deployment

Start Date: March 13, 2015

End Date: March 13, 2017

Lamu Software

Position: Junior Web Developer

Duties:

With little experience using Django on actual projects and more so using CSS and JS I worked on a few simpler projects getting used to developing, styling a site, adding features with jQuery and deploying it to the server.

With time I got comfortable dealing with most of the development cycle including debugging and fixing issues.

Start Date: Dec. 5, 2012

End Date: Dec. 5, 2014

Education

Google Africa Scholarship Mobile Web Specialist Course

School: Udacity

Description:

Covers the basics of web development.

Start Date: May 7, 2018

End Date: Aug. 16, 2018

Product Design Course

School: Udacity

Description:

Process of working on releasing a viable software product cycle.

Start Date: Feb. 12, 2018

End Date: March 21, 2018

MS Bots

School: SitePoint

Description:

Using Microsoft Bot framework Azure to design automated tasks including a simple chatbot.

Start Date: Feb. 3, 2018

End Date: Feb. 17, 2018

Introduction to Machine Learning

School: Udacity

Description:

This covers some core concepts of Machine Learning and how to use some open source packages to make predicting models.

Other Online Machine Learning related Courses taken thereafter

- Udacity: Statistics
- MIT 6.S094 OpenCourseWare: Deep Learning for Self Driving Cars
- Udacity: Introduction to Computer Vision
- MIT 6.858 OpenCourseware: Computer Systems Security

Start Date: Nov. 9, 2017

End Date: Feb. 14, 2018

Introduction to Computer Science: Building a Search Engine

School: Udacity

Description:

You get to build a mock search engine getting a good idea on how search engines are built, how to build a site including styling the site's pages.

Start Date: Jan. 16, 2012

End Date: April 6, 2012

Diploma in Information Technology

School: Kenyatta University

Description:

The course was intended to equip the student with the skills for becoming an I.T. specialist.

Not Completed. Reasons: (discontinued) I found it lacking.

Start Date: July 12, 2011

End Date: July 12, 2012

Referees

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