Nickson Kaigi | Curriculum Vitae

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🌐 http://nickaigi.github.io/

Software engineer, with expansive knowledge of Python and JavaScript. Driven individual, with a background in Computer Science and vast experience developing and shipping software and data products. Currently pursuing a Master's of Science Degree in Computation Intelligence at The University of Nairobi.

Experience

Sum Software Limited

Full Stack Engineer *November 2021 – July 2022*

Was an engineer working on the Sumfully software. Sumfully is a Amazon Profit Analytics and Inventory Management Tool.

World Bank

Technical Consultant *December 2021 – January 2022*

Working with The Data and Evidence for Justice Reform (DE JURE) and Development Impact Evaluation (DIME) units in the development of data-driven applications with the intention of studying, improving efficiency, quality and access to justice in developing countries.

Maxum Data

Lead Developer *June 2015 – October 2021*

Lead developer in charge of back end development, server setup and maintenance on AWS, Django templating, Nginx and uWSGI configuration. I was responsible for design and development of the in-house analysis and reporting tool. I wrote Lua scripts that acted as an interface to a custom installation of Freeswitch. I wrote bash scripts that would analyse the production databases for changes that met a predetermined threshold, resulting in a call to action when the changes met the threshold. Wrote Python scripts that analysed spending on toll free and regular phone numbers and created monthly billing reports.

Domains Bot

Senior Python Developer *June 2015 – September 2015*

Senior developer in charge of back end development, server setup and maintenance on AWS, Django templating, Nginx and uWSGI configuration.

SunUp Financial LLC (Balance Credit)

Senior Python Developer *May 2014 – January 2015*

Senior developer in charge of back end development, server setup and maintenance on AWS, Django templating, Nginx and uWSGI configuration.

Soko **Nairobi**

Senior Python Developer *July 2013 – April 2014*

Senior developer in charge of UX, Python and Android development for the suite of open source and enterprise tools that the company provided.

Sweet Relish

Senior Python Developer *December 2012 – July 2013*

Python developer working with Django and jQuery mobile to deliver a mobile friendly version of the website.

Code Painters
Lead Software Developer   *September – November 2012*

Lead developer responsible for product development of various Python Django based web applications.

Apartment Rentals
Software Developer   *April 2012*

Python Django developer responsible for providing end-to-end Programming support.

MANteresting
Python/ Django Developer   *March – April 2012*

Python Django developer responsible for design and implementation of a REST based API.

Alliance Technologies   **Nairobi**
Software Engineer (intern)   *September – December 2011*

Engineering intern responsible for extending the A1ERP data dictionary and developing an android based prototype of the ERP.

Education

Academic Qualifications

University of Nairobi   **Nairobi, Kenya**
MSc Computation Intelligence , Completed Coursework. Thesis in Progress   *2014–Present*

Jomo Kenyatta University of Agriculture and Technology   **Nairobi, Kenya**
BSc Computer Science , Second Class Honors, Upper Division   *2008–2012*

Menengai High School   **Nakuru, Kenya**
KCSE   *2003–2006*

Technical and Personal skills

○ **Programming Languages:** Proficient in: Python, JavaScript, TEX
Also basic ability with: C/C++.

Interests and extra-curricular activity

○ I enjoy the game of Chess

○ I am an avid reader of fiction, high fantasy, biographical, and historical/historical fiction books

References

○ Up to 3 references available on request