

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

- **FreeCast Inc.**
Back-end Engineer *September 2022 – Present*
Back-end engineer.
- **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, T_EX
 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