

Nickson Kaigi

Software Engineer

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PROFESSIONAL SUMMARY

Software engineer, with over a decade of experience working with Python. Driven individual, with a background in Computer Science and vast experience developing and shipping software and data products.

EXPERIENCE

SKUify Limited

Full Stack Engineer

United Kingdom - Remote

December 2023 - December 2024

- Contributed to the successful development of the SKUify SaaS, enhancing inventory management and pricing optimization for Amazon and Arbitrage sellers, resulting in improved user engagement and operational efficiency.
- Successfully migrated big tables used by the project to PostgreSQL partitioned tables, resulting in quicker query execution and improving API load times.
- Maintained CI/CD pipelines in Jenkins for routine deployment to our test and production servers.

Project Tech Stack: Python, Django, Django REST Framework, React, PostgreSQL, Celery, Jenkins

FreeCast Inc

Back-end Engineer

United States of America - Remote

September 2022 - November 2023

- Contributed to the successful transition of the FreeCast APIs from Django REST Framework to FastAPI, increasing the number of Requests per Second (RPS) that the project could handle.

Project Tech Stack: Python, FastAPI, Django, Django REST Framework, MySQL, Docker, GitHub Actions

Sum Software Limited

Full Stack Engineer

United Kingdom - Remote

November 2021 - July 2022

- Contributed to the successful development of the "Journey" component of the Sumfully SaaS, enhancing inventory management for Amazon and Arbitrage sellers, resulting in improved operational efficiency.

Project Tech Stack: Python, Django, Django REST Framework, React, PostgreSQL, Celery, Jenkins

World Bank Group

Technical Consultant

United States of America - Remote

December 2021 - January 2022

- Contributed to the successful development of the Personal Case Based Teaching (PCBT) prototype that aimed to analyze past judgements in courts of law in a bid to determine judgemental bias.

Project Tech Stack: Python, Django, Django REST Framework, React, PostgreSQL, Celery, Jenkins

Maxum Data Limited

New Zealand - Remote

Lead Developer

June 2015 - October 2021

- Contributed to the successful development of the mPort project that tracked mobile phone number portability across mobile network operators in New Zealand.
- Successfully developed a search tool for custom Toll Free numbers that lead to an increase in toll free number uptake from users.
- Developed Lua scripts that allowed customization of Freeswitch.

Project Tech Stack: Python, Django, MySQL, Lua,

Domains Bot

Italy - Remote

Senior Python Engineer

June 2015 - September 2015

- Contributed to a database redesign and upgrade on the Domains Bot project that resulted in faster database queries and shorter API response times.

Project Tech Stack: Python, Django, MySQL

SunUp Financial LLC

United States - Remote

Senior Python Engineer

May 2014 - January 2015

- Contributed to the successful development of the "Balance Credit" web project that created the onboarding process for customers of the Company's Pay Day loans product.

Project Tech Stack: Python, Django, MySQL, JQuery

Soko Inc.

Nairobi, Kenya

Senior Python Engineer

July 2013 - April 2014

- Contributed to the development of a Android mobile app for Soko Artisans.
- Contributed to REST API development on the project that were used on by the Android app.
- Contributed to the transition of the Soko web project from Django Framework to the Pyramid Web Framework.

Project Tech Stack: Python, Django, Django REST Framework, Pyramid Framework, MySQL, Android.

Sweet Relish LLC

USA, Remote

Senior Python Engineer

December 2012 - July 2013

- Contributed to the development of the Sweet Relish mobile website that was based on JQuery mobile.
- Contributed bug fixes on the project.

Project Tech Stack: Python, Django, MySQL

Code Painters LLC

USA, Remote

Lead Engineer

September 2012 - November 2012

- Contributed to the development Gym management website that included subscription management and gym session reservation.

Project Tech Stack: Python, Django, MySQL, JQuery

Apartment Rentals

Python Engineer

USA, Remote

April 2012

- Contributed bug fixes to the project

Project Tech Stack: Python, Django, MySQL, JQuery

MANteresting

Django Developer

USA, Remote

March 2012 - April 2012

- Contributed to the successful development of version 1 of MANteresting REST APIs that were used on the mobile version of the project.
- Worked on bug fixes

Project Tech Stack: Python, Django, REST API, MySQL, JQuery

Alliance Technologies Limited

Software Engineer - Intern

Nairobi, Kenya

September 2011 - December 2011

- Successfully developed a mobile version of the A1 ERP.

Project Tech Stack: Java, J2ME, PostgreSQL

EDUCATION

Jomo Kenyatta University of Agriculture and Technology | *Bsc. Computer Science* **2012**

- Second Class Honors, Upper Division
- Coursework: Computer Programming, Data Structures and Algorithms, Database Management, Cybersecurity

CERTIFICATION & AWARDS

Kotlin for Java Developers, Coursera.

2019

SKILLS & INTERESTS

Technical Python, Django, MySQL, PostgreSQL, JavaScript, React Js, Next Js

Interests Chess