Nickson Kaigi

Software Engineer

Email: nickaigi@gmail.com
Mobile: +254 724 708 852
LinkedIn:
linkedin.com/in/nickson-kaigi
GitHub: github.com/nickaigi

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   **United Kingdom - Remote**

Full Stack Engineer   *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   **United States of America - Remote**

Back-end Engineer   *September 2022 - November 2023*

- Played a role in the 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   **United Kingdom - Remote**

Full Stack Engineer   *November 2021 - July 2022*

- Built the "Journey" component of the Sumfully SaaS, streamlining inventory management for Amazon and Arbitrage sellers.

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

World Bank Group   **United States of America - Remote**

Technical Consultant   *December 2021 - January 2022*

- Led the development of the Personal Case Based Teaching (PCBT) prototype that aimed to analyze past judgments in courts of law in a bid to determine judgmental 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*

- Developed the mPort project that tracked mobile phone number portability across mobile network operators in New Zealand, resulting in seamless mobile network operator migration.
- Developed a search tool for custom Toll Free numbers that lead to an increase in toll free number uptake from users.
- Wrote Lua scripts that allowed customization of Freeswitch, simplifying customization tasks for the network operation team

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

Domains Bot   **Italy - Remote**

Senior Python Engineer   *June 2015 - September 2015*

- Played a key role in the 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*

- Worked on the development of the "Balance Credit" web project that created the on-boarding 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*

- Led the development of a Android mobile app for Soko Artisans.
- Participated in REST API development on the project that were used on by the Android app.
- Worked on 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*

- Worked on 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*

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

   Project Tech Stack: Python, Django, MySQL, JQuery

Apartment Rentals   **USA, Remote**
Python Engineer   *April 2012*
- Worked on bug fixes to the project

    Project Tech Stack: Python, Django, MySQL, JQuery

MANteresting   **USA, Remote**
Django Developer   *March 2012 - April 2012*
- Led the 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   **Nairobi, Kenya**
Software Engineer - Intern   *September 2011 - December 2011*
- Developed a mobile version proof of concept for 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, Computer Security

CERTIFICATION & AWARDS

Kotlin for Java Developers, Coursera.   2019

SKILLS & INTERESTS

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

Interests Chess