

# Nickson Kaigi

Software Engineer

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## PROFESSIONAL SUMMARY

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Senior Full-Stack Engineer — Python · Agile · Cloud (AWS) 10+ years of experience building scalable SaaS platforms, data-intensive applications, and microservices (Django, FastAPI, AWS Lambda). Proven track record of optimizing databases (30% faster queries), leading cross-functional teams, and delivering high-impact solutions for e-commerce, fintech, and open-source projects.

## EXPERIENCE

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### SKUify Limited

*Full Stack Engineer*

### United Kingdom - Remote

*December 2023 - December 2024*

- Optimized PostgreSQL performance by partitioning high-volume tables, reducing query latency by 30% and improving API response times by 50%.
- Built seller analytics dashboards using Amazon SP-API, automating sales reports and enhancing data-driven decisions for 500+ users.
- Maintained CI/CD pipelines (Jenkins) for zero-downtime deployments, improving release efficiency by 20%.

**Project Tech Stack:** Python, Django, Django REST Framework, React, PostgreSQL, Celery, Jenkins, Amazon SP-API

### FreeCast Inc

*Back-end Engineer*

### United States of America - Remote

*September 2022 - November 2023*

- Migrated REST APIs from Django to FastAPI, increasing throughput by 40% (RPS) and reducing latency.
- Deployed serverless microservices on AWS Lambda (Docker), cutting infrastructure costs by 25%.
- Actively participated in collaborating with cross-functional teams to ensure alignment with Agile methodologies.

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

### Sum Software Limited

*Full Stack Engineer*

### United Kingdom - Remote

*November 2021 - July 2022*

- Built the "Journey" component of the Sumfully SaaS, streamlining inventory management for Amazon and Arbitrage sellers, incorporating feedback from stakeholders to align with the evolving software development practices.
- Developed custom Python scripts that generated report data from Amazon Marketplace Web Service (MWS) that was SOAP based API.

**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*

- 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. This project involved the use of monitoring tools to track performance and operations.

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

**Maxum Data Limited***Lead Developer***New Zealand - Remote***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***Senior Python Engineer***Italy - Remote***June 2015 - September 2015*

- Played a key role in the database redesign and upgrade on the Domains Bot project leading to 10% in faster database queries and shorter API response times.

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

**SunUp Financial LLC***Senior Python Engineer***United States - Remote***May 2014 - January 2015*

- Worked on the development of the "Balance Credit" web project that created the onboarding process for customers of the Company's Pay Day loans product, emphasizing with the design team to enhance user experience.

**Project Tech Stack:** Python, Django, MySQL, JQuery

**Soko Inc.***Senior Python Engineer***Nairobi, Kenya***July 2013 - April 2014*

- Led the development of a Android mobile application for Soko Artisans.
- Participated in REST API development on the project that were used on by the Mobile application.
- 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***Senior Python Engineer***USA, Remote***December 2012 - July 2013*

- Worked on the Sweet Relish mobile website that was based on JQuery mobile.
- Contributed bug fixes on the project, enhancing overall application performance.

**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, ensuring adherence to Agile methods.
- 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

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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

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Kotlin for Java Developers, Coursera.

2019

## SKILLS & INTERESTS

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**Technical** Python, Django, MySQL, PostgreSQL, JavaScript, React Js, Next Js, Linux, Open Source Software.

**Interests** Chess