

Raphael Ndonga

Software Engineer with 3+ years of experience across SaaS industries. Skilled in full-stack development, cloud technologies (AWS Certified), and passionate about integrating AI solutions into scalable systems.

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[LinkedIn](#)

[Github](#)

WORK EXPERIENCE

GCS Velogic

Nairobi, Kenya

Systems Developer

SEPT 2024 - Present

- Developed a mechanism to automatically calculate the volume of work generated using Python, increasing the insight of the Operations Department into the system by 88%.
- Used the volume analysis above to determine the revenue generated by the company using Python, increasing the insight of the Finance Department by 95%.
- Developed TrakIT, a logistics software tool, deployed on AWS. Integrated AI to facilitate search functionality for hs_codes, improving productivity by 75% and reducing errors by 99%.

Metaverse Architects

Malta, Valletta (Remote)

Software Developer

Jan 2023 - Dec 2023

- Built scalable Node.js servers using TypeScript SDKs to manage digital asset distribution.
- Developed a full-stack platform for domain name management, integrating front-end interfaces with secure backend services.
- Designed and programmed interactive 3D environments using TypeScript, focusing on real-time user interaction and performance optimization.

Phoenix Team

Costa Rica, San José (Remote)

Full stack Engineer

Jan 2022 - Dec 2022

- Developed a full-stack web application using React.js for the frontend, Node.js for backend services, and Prisma ORM for database interactions.

EDUCATION

Jomo Kenyatta University of Agriculture and Technology,

Bsc. Computer Science

Sep 2018 - Jun 2023

LEADERSHIP

JKUAT TOASTMASTERS

Kenya, Juja

President

JULY 2022 - JULY 2023

- Guided and mentored University students on how to improve their communication and public speaking skills.

TECHNOLOGIES

Stack

Python, NodeJS, TypeScript, ReactJS, Go.

Cloud

AWS (Certified Developer Associate), S3, EC2, Lambda, Docker, Kubernetes

AI/ML

Pandas, Llama Index, Prompt Engineering, Generative AI, RAG.

Other

MongoDB, PostgreSQL, JIRA, RESTful API,

Certifications

AWS

[AWS Certified Cloud Practitioner](#)

[AWS Developer Associate](#)

Kubernetes

[Certified Kubernetes](#)

[Administrator \(CKA\)](#)

LANGUAGES

Swahili native

English C2, fluent

