

Mary Mutiso

Software Engineer

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Nairobi, Kenya

SUMMARY

Experienced Software Engineer adept at developing high-quality web applications using Django, Flask and Python. Proficient in backend development, database integration, and deployment processes. Skilled in analyzing and maintaining existing software applications while designing scalable and testable code. Collaborative team player committed to delivering exceptional solutions.

PROFESSIONAL EXPERIENCE

Software Engineering Intern

Codsoft

Tech Firm 📅 04/2024 - Present 📍 Remote

- Developed Python Applications: Designed and implemented web applications and automation scripts using Python.
- Debugging and Testing: Conducted debugging sessions and performed unit tests to ensure code quality.
- Collaborated on Projects: Worked in teams to develop and deploy software solutions.
- Learned and Applied New Technologies: Utilized frameworks like Django and Flask, and integrated APIs.

Peer Learning Ambassador

ALX

Tech Training 📅 10/2023 - Present 📍 Remote

- Facilitated learning sessions on Python programming, web development best practices, and software design principles.
- Led backend development efforts for Flask-based and Django websites, ensuring efficient routing, database interactions, and deployment processes.
- Implemented features such as user authentication, CRUD operations, and integration with database systems.
- Promoted a culture of continuous learning and professional growth within the team.

EDUCATION

Software Engineering

ALX Africa

📅 02/2023 - 04/2024 📍 Remote

- Specialized in Back-End Engineering

Bachelor of Science(Biochemistry)

Chuka University

📅 09/2016 - 2020 📍 Chuka

- First Class Honors

CERTIFICATION

FreeCodeCamp

Responsive Web Design - 04/2024

https://mutisomary.github.io/my_portfolio/

<https://github.com/Mutisomary>

PROJECTS

Ecommerce Website

📅 03/2024 - 03/2024 📍 Nairobi, Kenya

Graduation Project

- Developed an e-commerce site using Flask with features like user authentication, product management, and checkout functionality
 - Created an admin page for efficient product and order management.
 - Contributed to backend development, deployment and improving user experience.
- https://github.com/Mutisomary/Sleek_Furniture_Store.git

Blog post website

📅 11/2023 - 12/2023 📍 Nairobi, Kenya

SceinceSpot - for innovators to share their ideas and innovations with the whole world.

- Designed and implemented a website enabling users to create, edit, and delete blog posts.
 - Implemented features such as user authentication, CRUD operations for blog posts, and integration with a database system.
 - Played a key role in developing the backend logic, routing and database interactions.
- <https://github.com/Mutisomary/ScienceSpot.git>

KEY ACHIEVEMENTS

Codsoft Intern

- Developed 3 major applications, enhancing efficiency by 30%, and fixed 50 bugs for better software performance.

Peer Learning Ambassador

- Led 30 discussions, boosting peers' knowledge in logic and problem-solving skills, and facilitated the development of problem-solving abilities among peers.

TECHNICAL SKILLS

Python	JavaScript	C	SQL	
Django	Flask	HTML	CSS	Git