

# Harmony Wisdom Koome

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<https://harmonywisdom.me/>

Backend Software Engineer with 2+ years of experience in full-stack development, specializing in JavaScript (Node.js), DevOps practices, and agile workflows. Proven success in delivering scalable web applications, optimizing operational efficiency by 30%, and leading cross-functional teams. Passionate about clean code, automation, and mentoring future developers through open-source projects.

## Technical Skills

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**Languages:** JavaScript/TypeScript, Python, C, Bash

**Frameworks & Tools:** Node.js, Next.js, Flask, Git, MySQL/NoSQL, Monty

**Concepts:** SDLC, OOP, DevOps, Data Structures & Algorithms, CI/CD, REST APIs

## Professional Experience

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**Software Engineering Intern | Meru, Kenya**

**Curlture Wellness and Fitness | 2023**

- Led end-to-end development of a gym management system using Node.js and Python Flask, reducing manual errors by 25% and boosting client retention by 15%.
- Automated QA testing workflows with Bash scripting, cutting deployment time by 20%.

## Projects

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**WeFind;** [Capnot34/Wefind: This is a repository for alx final specialization project](#)

- A website to source talents in various fields
- Full-stack website built with python-flask, Node.js, React, TypeScript, and MongoDB APIs.

**LiteLangCompiler;** <https://github.com/wisdomwest/litelangcompiler>

- Custom compiler for a kid-friendly programming language written in pure c.
- Featured lexical analysis and interactive tutorials, adopted by 2 local schools for coding workshops.

**Source\_control\_system;** [-wisdomwest/source\\_control\\_system: source\\_control\\_system written in python](#)

- The project is similar to git written in python and bash.

## Education & Certifications

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**Software Engineering Certificate**, ALX Africa, 2024

**Kenya Certificate of Secondary Education (KCSE)**, Alliance High School, 2022

**BSc Applied Computer Science**, Daystar University, 2027

