

# Lucy Muriithi

980-317-4963 | [wambuilucie7@gmail.com](mailto:wambuilucie7@gmail.com) | [LinkedIn](#) | [Github](#) | [Website](#)

## EDUCATION

### University Of Nairobi

Bachelor of Science in Geospatial Engineering

Nairobi, Kenya

Sep. 2018 – Aug 2023

## PROJECTS

### Headstarter AI Fellowship | *NextJS, OpenAI, Pinecone, Stripe API, React, GCP*

Aug 2024 – Present

- Developed 5+ AI projects from design to deployment, with 98% accuracy as seen by 1000 users.
- Coached by Google, Bloomberg, IBM and Capital One engineers on Agile, CI/CD, Git, and microservice patterns.
- Integrated complex LLMs, boosting AI performance by 25% in initial tests.

### [Welcomi](#) AI Chatbot | *Python, JavaScript, Next.js, GitHub Actions, LLM Integration*

August 2024

- Participated in the backend development and integration of LLMs in an AI customer support app, boosting the AI's responsiveness by 30%.

### [Portfolio](#) Website | *HTML, CSS, JavaScript, GitHub Pages*

August 2024

- Designed my personal portfolio website to effectively showcase software engineering skills, implementing web development techniques and SEO strategies, leading to a 50% increase in traffic.

### [Pantry](#) Tracker App | *Next.js, Firebase, Material UI*

August 2024

- Developed a full-stack app to manage pantry items, reducing food waste by 20%.
- Implemented Firebase for secure user authentication and data storage, achieving 99% retention.
- Created a responsive UI with Material UI, boosting user satisfaction by 40%.

### [Farmdine](#) App | *Python, Django, PostgreSQL, Docker*

June 2024

- Developed backend services for a large-scale food platform, increasing engagement and satisfaction by 35%.
- Optimized data management with Django and PostgreSQL, reducing query times by 25%.
- Contributed to successful platform launch by delivering high-quality features in an Agile team.

## CERTIFICATIONS

### Certification In Software Engineering

ALX Holberton School

2022 – 2023

Remote, California

### Backend Development Internship

Internpulse

June 2024

Remote, Nigeria

## TECHNICAL SKILLS

### Languages

Python, JavaScript, HTML/CSS

### Frameworks

React, Next.js, Django,  
Material-UI, Flask

### Databases

MySQL, PostgreSQL, SQLite

### Developer Tools

Git, Postman, GCP, GitHub  
Actions

### Cloud/Infrastructure

Google Cloud, Containerization,  
CI/CD pipelines

### Other

REST APIs, Distributed Systems,  
AI/ML Technologies

## REFERENCES

### John Diginnee

[john@internpulse.com](mailto:john@internpulse.com) (+2348061185623)

Founder and Chief Mentor

*Internpulse*

### Koine Kinyua

[kkoine@aol.com](mailto:kkoine@aol.com) (704-604-2448)

Manager

*A-class Concierge*

### Collins Isiwu

[collinscisiwu@outlook.com](mailto:collinscisiwu@outlook.com) (+2347085482074)

Backend Team Lead C2

*Internpulse*