

NGURU LILIAN WACUKA

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Portfolio: <https://personal-portfolio-aoo4.vercel.app>

LinkedIn: <https://www.linkedin.com/in/lilian-nguru-6a8850306>

GitHub: <https://github.com/LilianWacuka>

CAREER OBJECTIVE

Detail-oriented and creative Web Developer with a diploma in Information Communication Technology. Innovative Front-End Developer skilled in building responsive, high-performance web interfaces using React.js and Next.js. Experienced in integrating AI APIs (OpenAI, Azure AI) into modern applications to enhance automation and user experience. Adept at creating scalable front-end architectures, collaborating with teams, and delivering clean, maintainable code.

EDUCATION

Diploma in Information Communication Technology – Thika Technical Training Institute (2019–2023)

Key Courses: Web Development, Database Management, Graphic Design, Programming, Systems Administration

Kiangunyi Girls High School (2015–2018) – KCSE: C Plain

Wambwe Primary School (2005–2014) – KCPE: C+

TECHNICAL COURSE

I joined PLP Academy for a 16-weeks software engineering course ,where I gained such skills:

- Built and deployed **AI-powered chatbots** (for farm management or customer support).
- Implemented **machine learning models** to analyze and predict expense/income patterns.
- Applied **NLP techniques** to process and classify text (e.g., automating report generation).
- Used **computer vision** for image classification tasks.
- Integrated AI APIs (e.g., OpenAI, Google Vision, IBM Watson) into web apps.

- Experimented with **recommendation systems** (e.g., suggesting farm inputs or feeds).
- Worked with **AI in data visualization** (interactive dashboards with predictive insights).

TECHNICAL SKILLS

Front-End: React.js, Next.js, TypeScript, JavaScript (ES6+), TailwindCSS, Bootstrap

Back-End: Node.js, Express.js, RESTful APIs

AI Integration: OpenAI API, Azure AI, Copilot Studio

Databases: MySQL, MongoDB

Version Control: Git, GitHub

Tools: VS Code, Postman, Figma

Graphic Design:

- Adobe Photoshop: Logos, Flyers, Brochures
- UI/UX Design principles

Other Skills:

- Operating Systems: Windows, Linux
- Networking Fundamentals

PROJECTS

Poultry E-commerce Website:

- Developed a dynamic online store using HTML, CSS (Bootstrap), and JavaScript.
- Implemented cart functionality and dark mode.
- Live Demo: <https://lilianwacuka.github.io/E-commerce-Web-Portfolio>

Farm-Flux Website:

- Responsive platform to track livestock, inputs, and crops.
- Built using HTML, TailwindCSS, React+Vite, and JavaScript.
- View Project: <https://farm-flux-website-3qls.onrender.com>

Simple Budget Website:

- Budgeting tool with income and expense tracking.
- Developed using HTML, CSS, JavaScript.
- View Project: simplebudgettracker-self.vercel.app

Weather App API:

- Built using Firebase and APIs with real-time data.
- Responsive and intuitive UI.

Graphic Design Portfolio:

- Created logos, brochures, and flyers using Adobe Photoshop.
- Served clients such as Libapro Clean Ltd.

EXPERIENCE

Intern – Bawn Designers, Nairobi (Feb 2021 – Apr 2021)

- IT support and design tasks.
- Designed visual assets for clients.

Intern – City Hall, Nairobi (Nov – Dec 2021)

- Supported user IT issues and maintained systems.
- Assisted with network setup and maintenance.

Freelancer – Remotask: Remote - USA(2021–2022)

Role: AI agent- Designing 3D Annotation for self-driving cars AI

Freelancer - Transcription And Captioning. Remote- USA (2022-2023)

Role: AI Agent. Verbit AI, Transcribe Me, Go Transcript

Institution: Verbit AI, Transcribe Me, Go Transcript

- Transcribing voice chat to a written script.

SOFT SKILLS

- Communication & teamwork
- Problem-solving & critical thinking
- Time management & adaptability
- Creativity & attention to detail

REFERENCES

1. City Hall Annex, Nairobi 30075, 00100, Nairobi.

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2. Edwin Muraya

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