

MWITA INNOCENT MOGAYA

Kenyan | Nairobi, Kenya | +254704379546

mogayainnocent@gmail.com | LinkedIn: <https://www.linkedin.com/in/mwita-mogaya/> | GitHub Profile: <https://github.com/mogaya> | WakaTime: <https://wakatime.com/@Mogaya>

SUMMARY

Self-motivated Developer with strong understanding of programming and full-stack engineering principles. Experienced in varied platform development frameworks. Interprets instruction well and works collaboratively to support team objectives.

EDUCATION

Back-End Web Development ALX Africa	Aug 2024 – Jan 2025
Bachelor of Science in Applied Computer Science Daystar University	Jan 2021 – Nov 2024
GPA 3.41 / 4.0	
Kenya Certificate of Secondary Education (KCSE) Maranda School	Feb 2016 – Nov 2019
Mean Grade A-	

CERTIFICATIONS

Back-End Web Development | ALX Africa

Professional Development Skills for the Digital Age | ALX Africa

DELf (Diplôme d'études en langue française) | Alliance française

WORK EXPERIENCE

Full-Stack Developer NurseShelf	Jan 2025 – Present
Nairobi, Kenya	
<ul style="list-style-type: none">Developed and maintained a scalable full-stack web application using Django REST Framework (DRF) and React.Built dynamic and responsive frontend components with React, TypeScript, and Chakra UI, enhancing user experience.Designed and implemented RESTful APIs using Django Rest Framework (DRF) to manage user authentication, subscriptions, and resource access.Deployed the application on DigitalOcean, configuring server environments and handling CI/CD pipelines.	

Back-End Developer Intern | MijiniTech Ltd

Jun 2024 – Sep 2024

Nairobi, Kenya

- Designed and implemented robust back-end systems and APIs using Node.js and Express, improving overall system performance.
- Collaborated with front-end developers to integrate user-facing elements with server-side logic.

ICT Attache | Communications Authority of Kenya

Jun 2024 – Sep 2024

Nairobi, Kenya

- Managed and maintained IT inventory, ensuring accurate record-keeping and accountability.
- Assisted in the setup and configuration of new hardware and software, ensuring readiness for use.

ICT Attache | HRMPEB

May 2023 - Aug 2023

Nairobi, Kenya

- Utilized WordPress for website maintenance and content updates, contributing to the seamless operation of online platforms
- Aided employees with hardware and software issues, troubleshooting problems, and offered solutions to technical challenges.

PROJECTS

NurseShelf - Subscription-based digital library

As a Full-Stack Developer, I played a key role in designing and developing NurseShelf, a digital library that provides nursing students and professionals with categorized study resources, including notes and revision papers. I led the backend development using Django REST Framework (DRF), implementing secure authentication with SimpleJWT, role-based access control, and a subscription-based access system. On the frontend, I built a responsive and intuitive UI using React, TypeScript, and Chakra UI, ensuring a seamless user experience. I managed deployment on DigitalOcean, configuring NGINX for production stability and scalability. To streamline deployment, I implemented GitHub Actions for CI/CD, enabling automated testing and deployment. I also containerized the application using Docker, published images to Docker Hub, and orchestrated deployments for a seamless development workflow.

Link: <https://nurseshelfke.com/>

TecTally - Asset Management Application

Developed a mobile asset management application using Flutter and Dart to streamline the tracking and management of organizational assets. The app automates asset registration through bar-code/QR code scanning, provides real-time inventory updates, and generates detailed reports for audits. Utilized PHP and MySQL for the back end. Implemented Agile methodology for iterative development and user-centered design.

Link: <https://github.com/mogaya/TecTally>

Dynamic blog post web application using Laravel

Utilizing Laravel for the backend, Blade templating, HTML5, CSS3 and JavaScript for the frontend, and MySQL for the database, this project demonstrates my full-stack development skills and ability to create functional, secure, and user-friendly web applications.

Link: <https://github.com/mogaya/Laravel-Projects/tree/master/mainApp>

VOLUNTEER ACTIVITIES

Pillars of Hope Children's Home | Daystar, Athi River 2023

Actively engaged in various charity activities, providing support and care to children in need. Assisted in organizing events and activities for the children, promoting their well-being and development.

Feed a Child Walk | Kisumu 2018

Participated in a 5 km charity walk aimed at raising funds and awareness to support child nutrition and welfare.

TECHNICAL SKILLS

-
- | | | |
|---|---|---|
| • UX / UI Design tools: Figma, Miro | • Programming Languages: HTML/CSS, JavaScript, PHP, Dart, Python | • Version Control: Git, GitHub |
| • Development frameworks and Libraries: Laravel, React, Flutter, Node.js, Django | • Content Management Systems: WordPress | • DevOps: Docker, GitHub Actions |

INTERESTS

-
- | | | |
|------------------|----------|---------------|
| • Reading novels | • Hiking | • Bike riding |
|------------------|----------|---------------|

LANGUAGES

-
- Kiswahili - Native
 - English - Expert
 - French - Conversational