

Wambita Sheila Fana

Full stack developer

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SUMMARY

Highly skilled and versatile full-stack developer with 2+ years of experience in front end and back end development, combining UI/UX expertise with secure, scalable applications and deployment. Committed to solving complex problems, optimizing performance, and delivering intuitive, user-friendly solutions that enhance usability and engagement in fast-paced, collaborative environments.

SKILLS

Programming Languages and Tools

Python, JavaScript, Go, C, SQL, Docker, Git, GitHub

UI/UX Design

,Wireframing & Prototyping, User Research & Testing, User-Centered Design, Figma, Canva, Usability Testing

Databases & Cloud

MySQL, SQLite, Supabase

Soft skills

Excellent verbal communication skills, Collaboration & Teamwork, Problem Solving skills & Critical Thinking, Adaptability & Leadership, Attention to Detail, Organizational Skills, Project management skills

Front end languages and Frameworks

HTML, CSS, JavaScript, Bootstrap, Responsive Design, Web Design, SEO Optimization, React

Back end Development

Node.js, Django, RESTful APIs, GraphQL

Other Skills

AI, Blockchain(ICP, Starknet, Motoko, Cairo, Smart contracts) Cybersecurity, Low-Code & No-Code (Mendix, WordPress), Flutter, Testing, **Unit Testing, Project Management.**

PROFESSIONAL EXPERIENCE

Apprentice Software Developer

Zone 01 Kisumu 🌐

04/2024 – present
Kisumu, Kenya

- Developed and optimized full-stack applications using Go, JavaScript, React, SQL, and RESTful APIs, adapting to project requirements to enhance system performance, scalability, and security. Participated in code reviews to ensure clean, efficient, and maintainable code.
- Implemented Agile development practices and Scrum methodologies, leading to faster iteration cycles, improved team collaboration, and more efficient project delivery.

Front end Developer

Medinius Technology 🌐

08/2023 – 04/2024
Kisumu, Kenya

- **Developed and launched** a web platform using **React and Express.js**, improving usability and responsiveness.
- **Designed and optimized UI/UX** with **Figma**, enhancing accessibility and user engagement.
- **Contributed to the full software development lifecycle**, from planning and prototyping to deployment and iteration, **reducing overall development time.**

Software Developer Intern

Smart Applications International

04/2023 – 08/2023
Nairobi, Kenya

- **Designed client-facing UI/UX prototypes** in **Figma**, contributing to an **increase in user adoption.**
- **Developed and integrated** a real-time customer support chat application using **Flutter**, improving response times.

- **Collaborated in Agile teams**, following **SDLC best practices** to ensure efficient development, testing, and deployment of software solutions.

Freelance Software Developer

09/2021 – 04/2023
Nakuru, Kenya

- **Developed personal websites and portfolios** for clients, enhancing their **online presence and professional visibility**.
- **Built landing pages** for small businesses, increasing **customer engagement and client acquisitions**.
- **Managed hosting and deployment**, ensuring websites were **accessible, secure, and optimized for performance**.
- **Authored technical articles** on **computer science, software development, and emerging technologies**, helping clients **boost engagement on their blog sites**.

EDUCATION

Bsc Computer Science

Egerton University

09/2019 – 11/2024
Nakuru, Kenya

Capstone Projects:

- **Full-Stack Food Delivery App** – Developed for local restaurants using **HTML, CSS, JavaScript, and PHP**, enhancing order management and customer experience.
- **Pharmacy Management System** – Built with **Django**, streamlining inventory tracking and prescription management for pharmacies and hospitals.

Certificate in Web Development

Moringa School

01/2019 – 05/2019
Nairobi, Kenya

Technologies: HTML, CSS, JavaScript, Python, Django, Angular.

PROJECTS

WGET -Custom Web Scraper & Downloader (Go)

09/2024 – present

Developed a Go-based WGET utility, replicating core functionalities of GNU Wget, enabling efficient file retrieval from the web. Features include:

- **HTTP Request Handling** – Supports fetching and downloading web content.
- **Error Handling & Testing** – Implemented robust **unit tests** to ensure reliability.
- **Comprehensive Documentation** – Provided well-structured documentation for usability and maintenance.

Forum

10/2024 – 10/2024

Developed a full-stack web forum using Go, HTML, CSS, and JavaScript, enabling users to create, view, and engage in discussions. Implemented:

- **User Authentication & Security** – Secure login/logout with **password encryption** and session management using cookies.
- **Database Management** – Handled data storage and retrieval using **SQL databases**.
- **Access Control & Filtering** – Integrated role-based access and **content filtering** for a safer user experience.
- **Optimized UI/UX** – Designed a **user-friendly** interface with responsive layouts and enhanced usability.



Artists

09/2024 – 12/2024

Developed a RESTful web application using Go, HTML, CSS, and JavaScript to receive, manipulate, search, and display data on music artists, concert locations, and dates. Key features:

- **API Integration** – Fetched and processed artist data from an external API.
- **Geolocation & Filtering** – Implemented location-based search and dynamic filters for an optimized user experience.
- **Responsive UI/UX** – Designed an **intuitive** and **mobile-friendly** interface for seamless interaction.

CERTIFICATES

- AI Fundamentals 
- CyberSecurity Fundamentals 
- Agile Development 