

Simon Kamau Gathu

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WORK EXPERIENCE

Freelance

Nairobi, Kenya

Technical Writer

Jan 2022 - Present

- Expertise in creating clear and concise documentation for complex technical subjects, including user manuals, how-to guides, product specifications, and API documentation.
- Proficient in researching technical content and collaborating with developers and subject matter experts to translate complex information into user-friendly language.
- Seasoned in writing and editing technical documents such as installation guides, operational procedures, reports, and white papers, ensuring clarity, accuracy, and accessibility for various audiences.
- Experienced in developing documentation and technical training materials, adapting content for both non-technical users and technical experts.
- Strong attention to detail with proficiency in using tools such as Microsoft Word, Google Docs, Markdown, and content management systems (CMS).

EDUCATION

Codecademy Bootcamp

Broadway, Newyork

Fullstack Engineer

Graduation Date: Aug 2023

University of Nairobi

Nairobi, Kenya

Bsc Industrial Chemistry

Graduation Date: Oct 2021

PROJECT EXPERIENCE

Ai Assistant Application

Nairobi, Kenya

Developer

Feb 2025 - Mar 2025

- **Designed and developed a scalable, interactive, and responsive AI-powered system** that assists students with their schoolwork, ensuring accurate and efficient learning support.
- **Built a dynamic and visually engaging user interface** using **React.js, Framer Motion, and Tailwind CSS**, enabling smooth animations, intuitive navigation, and a fully responsive experience across devices.
- **Developed a robust backend API** with **Node.js, Express, and MongoDB**, ensuring secure authentication, fast data processing, and seamless communication between the frontend and AI models.
- **Integrated Mistral AI** to provide **real-time, context-aware, and highly accurate responses**, enhancing the overall learning experience for students.
- **Deployed the application on Railway** for **scalability and high availability**, making it accessible from anywhere.
- "Access the fully functional and deployed web application by clicking this link: [Live Demo Here](#) and see how it works."

Technologies

- React.js, Framer Motion, Tailwind CSS, Node.js, Express.js, MongoDB, Mistral API, Docker

Multi-Tenant Management System

Nairobi, Kenya

Developer

Dec 2024 - Jan 2025

- **Designed and developed a scalable, multi-tenant web application** for **inventory management**, allowing multiple businesses to efficiently track, manage, and optimize their inventory in a centralized system.
- **Implemented secure user authentication** using modern authentication standards, enabling **business registration, login, and account management** while ensuring data security and privacy.
- **Developed role-based access control (RBAC)** to define user roles and permissions, allowing business owners to assign specific access levels to employees, ensuring **controlled and secure access to inventory data and management features**.
- **Built a dynamic, modern, and fully responsive user interface** using **React.js and Tailwind CSS**, providing an intuitive experience with **real-time updates, interactive dashboards, and seamless navigation across devices**.
- Click the link and check out the live version of our website here: [Explore the Live Site](#) and experience it in action!

- Dive into the code and explore the project on GitHub: [View the Repository](#). Feel free to clone, contribute, or give it a star!

Technologies

- React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Docker

Task Management Application(Tasker)

Nairobi, Kenya

Developer

Jul 2024 - Sep 2024

- **Designed and developed a comprehensive task and project management system with user authentication and authorization**, ensuring **secure access, role-based permissions, and efficient collaboration** for individuals and teams.
- **Implemented seamless project creation, task assignment, and real-time tracking** to enable users to **efficiently manage workloads, monitor progress, and streamline task execution**, enhancing overall productivity.
- **Optimized the user experience with a fully responsive and visually appealing interface**, leveraging **Laravel Blade, Tailwind CSS, JavaScript, and HTML** to deliver a **smooth and consistent experience across desktops, tablets, and mobile devices**.
- **Integrated secure authentication and user management with Laravel Breeze**, providing **hassle-free registration, login, password reset, and session management**, ensuring a **safe and reliable authentication process**.
- Dive into the code and explore the project on GitHub: [Check out the Repository](#). Feel free to clone, contribute, or give it a star!
- Experience Tasker in action! Visit the live website here: [Explore Tasker](#) and see it in motion!

Technologies

- Tailwind CSS, Javascript, Laravel Blade, PHP, MySQL

Ecommerce project (shope)

Nairobi, Kenya

Developer

Mar 2024 - Apr 2024

- **Designed and implemented a fully responsive user interface**, ensuring a **seamless and visually engaging experience across desktops, tablets, and mobile devices**, while optimizing performance and usability using **modern web technologies**.
- **Integrated Mpesa payment solutions** to facilitate **secure and efficient transactions**, allowing users to **make and receive payments directly within the platform**, improving the overall checkout experience for customers.
- **Developed comprehensive product and order management functionalities**, enabling users to **add, update, categorize, and track products**, while ensuring **efficient order processing, real-time order status updates, and seamless inventory management**.
- **Implemented robust user authentication and authorization mechanisms** to ensure **secure access and data protection**, allowing users to **register, log in, and manage their accounts** while enforcing **role-based permissions for enhanced security**.
- Explore Shope Africa live! Visit the website here: [Experience Shope Africa](#) and see it in action!
- Dive into the code and explore the project on GitHub: [Check out the Repository](#). Feel free to clone, contribute, or give it a star!

Technologies

- Tailwind CSS, Javascript, Laravel Blade, PHP, MySQL, M-pesa API

Blog Application (The crying wall)

Nairobi, Kenya

Developer

Jan 2024 - Feb 2024

- **Implemented a robust user authentication and authorization system** to ensure **secure access to the platform**, allowing users to **register, log in, manage their profiles, and access content based on their roles and permissions** while maintaining data privacy and security.
- **Developed a fully functional blogging system** that enables users to **create, edit, and manage blog posts**, providing an intuitive interface for seamless content creation and organization. Additionally, implemented a **comments feature** that allows users to **engage in discussions, share feedback, and interact with blog content in real-time**.
- **Designed and optimized a fully responsive user interface**, ensuring an **optimal viewing experience across all devices, including desktops, tablets, and smartphones**. Leveraged **modern front-end technologies** to provide a **visually appealing, accessible, and user-friendly interface** that enhances readability and usability.
- Experience The Crying Wall live! Visit the website here: [Explore The Crying Wall](#) and see it in action!

- Dive into the code and explore the project on GitHub: [Check out the Repository](#). Feel free to clone, contribute, or give it a star!

Technologies

- Bootstrap , Javascript, Laravel Blade,PHP, MySQL

Farmers Api

Nairobi,Kenya

Developer

Jul 2023 - Oct 2023

- **Designed and implemented a secure user authentication and registration system**, ensuring **protected access to the platform** by enabling **user sign-up, login, password management, and role-based access control**, while safeguarding sensitive user data through encryption and secure authentication protocols.
- **Developed a comprehensive product management system** that allows users to **add, update, and organize products efficiently**. Integrated **image upload and storage functionality**, enabling users to **upload high-quality product images, store them securely, and display them dynamically within the application**.
- **Created an interactive reviews and rating system** to enhance **user engagement and credibility**, allowing customers to **leave feedback, rate products based on their experiences, and view aggregated ratings**, thereby improving transparency and helping future buyers make informed decisions.
- Dive into the code and explore the project on GitHub: [Check out the Repository](#). Feel free to clone, contribute, or give it a star!

Technologies

- Node.js, Express.js, PostgreSQL

Topstone Enterprises

Nairobi, Kenya

Developer

Mar 2025 - Mar 2025

- **Developed and launched topstoneent.com** using React and Tailwind CSS, creating a responsive, fast, and visually engaging user experience.
- **Optimized website performance** by implementing lazy loading, image compression, and efficient asset handling, improving load times and user engagement.
- **Integrated EmailJS** for seamless email functionality, enabling users to send inquiries directly from the website without a backend.
- **Deployed and managed the application on Digital Ocean**, ensuring smooth performance, scalability, and reliable uptime.
- Check out the live website 🖱️ [Visit Topstone Entertainment](#)

Technologies

- React.js, TailwindCss, Email.js

SKILLS & INTERESTS

Skills: Attention to Detail, Collaboration & Communication, Client and Stakeholder Management, Critical and Analytical Skills, Operational Analysis, Organizational and Analytical Skills, Professionalism, Project Management, Strong Presentation and Reporting Skills, Strong Work Ethic, Training and Development, React, Express, Laravel, Redux, Javascript, PHP, Nodejs, PostgreSQL, MySQL, MongoDB, Laravel Blade, Tailwind CSS, JavaScript, HTML, Github, Git, API Development & Scalability, Creating Restful APIs