

# Simon Kamau Gathu

Skilled Junior Web Developer with hands-on experience in building responsive, user-friendly websites and web applications. Proficient in both frontend and backend technologies, including PHP (Laravel), Node.js (Express), MySQL, MongoDB, JavaScript, HTML, and Tailwind CSS. Experienced in developing secure authentication systems, integrating payment solutions like Mpesa, and creating scalable APIs. Adept at managing full project lifecycles, from planning to deployment, with a focus on delivering intuitive and efficient user experiences. Strong problem-solving abilities, attention to detail, and a passion for learning new technologies to continuously improve project outcomes.

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 <https://kamausimon.vercel.app/>

 [github.com/Kamausimon](https://github.com/Kamausimon)

## 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	

## TECHNICAL SKILLS

<b>Frameworks:</b>	React, Express, Laravel	<b>State Management Tools:</b>	Redux
<b>Programming Languages:</b>	Javascript, PHP, Nodejs	<b>Database Management:</b>	PostgreSQL and MySQL
<b>Non-relational DBMS:</b>	MongoDB	<b>Frontend Development:</b>	Laravel Blade, Tailwind CSS, JavaScript, HTML
<b>Collaboration Tools:</b>	Github, Git	<b>Others:</b>	API Development & Scalability, Creating Restful APIs

## PROJECTS

### Task Management Application (Tasker)

- The system includes several key features such as user authentication and authorization, enabling secure access and management of tasks and projects. It allows for seamless project creation, task management, and real-time tracking of both projects and tasks. Users can collaborate effectively, stay updated with timely notifications, and enjoy a responsive design that ensures a smooth experience across devices.
- The technologies used in this system include PHP for the backend, with the Laravel framework facilitating development. The database is managed using MySQL, while the frontend is built with Laravel Blade, Tailwind CSS, JavaScript, and HTML. Authentication is handled through Laravel Breeze, ensuring secure user access and management.
- **Problem Addressed:** The application tackles the challenge of efficiently managing tasks and projects, whether working individually or as part of a team. The app provides a solution by enabling seamless collaboration and task assignment within projects, making it an excellent tool for both personal and team use. It streamlines project management and enhances productivity by facilitating effective teamwork and task organization.
  - Link to the live website: <https://tasker.co.ke/>
- Link to the code: <https://github.com/Kamausimon/Tasker.git>

### Ecommerce Project (shope)

- The application boasts several key features, including user authentication and authorization, which ensure secure access. It offers comprehensive product management and order management capabilities, allowing users to efficiently handle their transactions. Payment integration is facilitated through Mpesa, streamlining the payment process for users. Additionally, the app includes user management with administrative roles, enabling effective oversight and control. The responsive design ensures a seamless experience across various devices, and an admin dashboard provides a centralized view for managing all functionalities within the application.
- The application utilizes a robust technology stack, featuring PHP for the backend development with the Laravel framework enhancing functionality and ease of use. The database is powered by MySQL, ensuring reliable data management. For the frontend, Laravel Blade is employed alongside Tailwind CSS, JavaScript, and HTML, creating an intuitive and responsive user interface. User authentication is managed through Laravel Breeze, providing secure access and user management capabilities.
- **Problem Addressed:** This application addresses the need for an efficient e-commerce solution by showcasing my skills in payment integration and developing user-friendly systems that are easy to navigate. While it serves as a common application, it is designed to highlight my expertise in creating seamless user experiences. Additionally, the application's API can be easily replicated to accommodate various types of e-commerce stores with minimal adjustments, simplifying the process of building similar applications in the future.
  - Link to the live website: <https://shope.africa/>
- Link to the code: <https://github.com/Kamausimon/Ecommerce.git>

# PROJECTS

## Blog Application (The crying wall)

- The application includes several essential features, such as user authentication and authorization for secure access. It enables blog creation and management, allowing users to easily publish and organize their content. The comments functionality facilitates user interaction and engagement on posts. With a responsive design, the application ensures an optimal viewing experience across various devices. Additionally, the sharing functionality allows users to share blog posts on different platforms, enhancing the reach and visibility of the content.
- The application utilizes a robust technology stack, featuring PHP for backend development, complemented by the Laravel framework to streamline the development process. MySQL is employed for reliable database management, ensuring efficient data storage and retrieval. For the frontend, Laravel Blade is used in conjunction with Tailwind CSS, JavaScript, and HTML, creating a responsive and user-friendly interface. User authentication is managed through Laravel Breeze, providing a secure access mechanism for users.
- This application addresses the need for a platform where users can express their thoughts and share them with others. It serves as my first project built with PHP, created to test and demonstrate my skills in developing a user-friendly blog platform. The application provides an efficient way for users to write, manage, and share content, allowing me to showcase my capabilities in building functional, interactive systems.
  - Link to the live website: <https://thecryingwall.co.ke/>
- Link to the code: <https://github.com/Kamausimon/blog.git>

## Farmers API

- The application offers key features including user authentication and registration, ensuring secure access for all users. It emphasizes security throughout the platform, protecting user data and transactions. Users can create and manage products, with image upload and storage functionality for better visual representation. Additionally, the app includes a reviews and rating system, allowing users to provide feedback and rate products, enhancing the overall user experience and trust in the platform.
- The application is built using Node.js for the backend, leveraging the Express.js framework to handle server-side logic and routing efficiently. MongoDB is used as the database, providing a flexible and scalable solution for storing and managing data. This tech stack ensures a robust, high-performance application that can handle a variety of user interactions and data management tasks.
- This app addresses the challenge of connecting farmers directly with buyers by creating an online marketplace where farmers can sell their products locally. By eliminating the middleman, farmers have the ability to set their own prices, allowing them to earn more from their sales. The app offers potential for monetization through various models, such as creating a distribution system for the farmers' products, benefiting both the farmers and the app itself, and implementing a subscription model that is farmer-friendly. Future improvements could include developing a robust messaging system to efficiently track and manage communications between buyers and sellers.
  - Link: <https://github.com/Kamausimon/farmersApp.git>

## Multi-Tenant Inventory Management System

- Designed and developed a scalable, multi-tenant web application to help businesses manage inventory, suppliers, orders, and invoices efficiently. The system features secure user authentication, business registration, and role-based access control. Key functionalities include product management with AWS S3 image storage, supplier tracking, order creation, and invoice generation, all backed by ACID-compliant transactions for data integrity.
- The app has been created using Reactjs and Tailwindcss for the user interface making it dynamic and easy to use thus offering a good experience for the users. The backend uses a MVC system to handle the business logic utilizing the Express js Framework to enable easy and efficient routing with great error handling mechanisms in place. MongoDB is the database utilized to provide a scalable solution for data management and storage. This is one of the best tech stacks for building scalable, high performing web apps.
- The app seeks to address the challenge of having physical records in this day and era of digitization by moving all processes online which ensures easy access to business records and activity regardless of your location. The application has a potential for growth with gaps in payment processing in terms of a global scale.
- Link to the GitHub repository <https://github.com/Kamausimon/MTIS>
- Link to the live website: <https://mtis-2.onrender.com/>

# WORK EXPERIENCE

## Technical Writer

### Freelance

- 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.
- Skilled 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

## Fullstack Engineer

### Codecademy Bootcamp

12/2022 - 08/2023,

## Bsc Industrial Chemistry

### University of Nairobi

## REFERENCES

Will be provided upon request.