

# WANYONYI SIKUKU EMMANUEL

## Software Engineer

Languages: PHP, JavaScript | Frameworks: Laravel, React | Databases: MySQL, MongoDB | DevOps: Git | Front-End Design: HTML, CSS | CMS: WordPress | APIs: RESTful | Other: Agile Development, SEO Optimization

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## PROFESSIONAL SUMMARY

**Detail-oriented and innovative Software Engineer** with a proven track record in delivering robust, scalable web applications. Strong foundation in **SDLC methodologies** and a deep understanding of **software development best practices**. Proficient in **PHP, JavaScript, and modern frameworks** such as Laravel and React, coupled with **extensive experience in database management** using MySQL, MongoDB, and PostgreSQL.

Demonstrates **exceptional mathematical skills** in problem-solving and algorithm design. Adept at leveraging **DevOps practices** including version control with Git, ensuring efficient project management and code quality. Possesses a strong ability to **drive projects from inception to deployment**, consistently delivering solutions that exceed client expectations. Committed to **continuous learning** and **agile methodologies**, fostering a collaborative and innovative work environment.

### Professional Strengths

- ✓ **Leadership Abilities:** Demonstrated capacity to guide and mentor team members, fostering a collaborative environment that drives project success and team growth.
- ✓ **Effective Communication:** Proficient in articulating complex technical concepts to both technical and nontechnical stakeholders, ensuring clear understanding and alignment across teams.
- ✓ **Time Management:** Skilled in prioritizing tasks and managing time effectively to meet deadlines and deliver high-quality work, even under pressure.
- ✓ **Problem-Solving and Analytical Thinking:** Strong ability to analyse complex problems, identify root causes, and implement effective solutions, enhancing overall project efficiency and success.
- ✓ **Adaptability and Flexibility:** Highly adaptable in dynamic environments, capable of quickly adjusting to new technologies, methodologies, and challenges to meet evolving project needs.
- ✓ **Client-Focused and Communicative:** Prioritizes client satisfaction, builds strong relationships, and effectively communicates project updates.

## PROFESSIONAL EXPERIENCE

### Projects

#### E-Retail Shop Store (Finished)

##### Key Contributions

- ✓ Created a robust e-commerce application, expanding product accessibility with a comprehensive online catalogue.
- ✓ Enhanced store management efficiency through the development of a powerful backend interface for product and order processing.

- ✓ Delivered a user-friendly and scalable solution, significantly improving the online shopping experience for customers.
- ✓ You can access this project at <http://e-retailshop.nuchorestaurant.co.ke/>

### To-do list app (Finished)

#### Key Contributions

- ✓ Effortlessly add new tasks to your list with a simple tap or click.
- ✓ Quickly remove unnecessary tasks to declutter your list and maintain focus.
- ✓ Quickly mark completed tasks by crossing them.
- ✓ Intuitive design for easy navigation and seamless user experience.
- ✓ You can access this project at <http://to-do-list.nuchorestaurant.co.ke/>

### Nucho Restaurant (Still in Progress)

#### Key Contributions

- ✓ Developed and launched an online restaurant management platform, streamlining digital operations and enhancing overall efficiency.
- ✓ Increased customer engagement by implementing seamless browsing, ordering, and reservation features.
- ✓ Improved payment security and convenience through the integration of M-Pesa and barcode scanning technologies.
- ✓ You can access this project at <https://nuchorestaurant.co.ke/>

### Ultimate Laravel Blog (Still in Progress)

#### Key Contributions

- ✓ Spearheaded the development of a dynamic blogging platform, empowering users to share content with trending articles and category management features.
- ✓ Boosted user retention and interaction by integrating a newsletter function and streamlined image uploads.
- ✓ Designed and deployed a scalable backend architecture, ensuring the platform's reliability and performance.
- ✓ You can access this project at <http://ultimate.nuchorestaurant.co.ke/>

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## EDUCATION

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Bachelor's Degree in Information Technology (Second Class Honours) | 2023    Maseno University

### Passions

- ✓ **Continuous Learning:** Committed to staying updated with the latest technologies and industry trends, constantly seeking opportunities to expand technical knowledge and skills.
- ✓ **Innovative Problem-Solving:** Passionate about finding creative and effective solutions to complex technical challenges, driving improvements and innovation in software development.
- ✓ **Quality Assurance:** Dedicated to delivering high-quality, reliable software products that meet or exceed user expectations and industry standards.

## LANGUAGES

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- ✓ English – Proficient
  - ✓ Swahili – Native

## REFERENCES

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