

# MOSES MWANGI KAMAU

Software Developer | Full-Stack Web & Systems Specialist

## CONTACT INFORMATION

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**Portfolio:** [mosesmwangi.netlify.app](https://mosesmwangi.netlify.app)

## PROFESSIONAL SUMMARY

Innovative software developer with proven ability to transform complex problems into efficient digital solutions. Combines technical expertise in full-stack development with strong analytical thinking and effective communication skills. Demonstrated excellence through national competition victories and practical implementation of real-world systems. Seeking opportunities to contribute to dynamic projects that challenge technical abilities while fostering professional growth.

## EDUCATION

### Nachu Technical and Vocational College

*Diploma in Internet Communication Technology (ICT)*

2023 – 2026 (Expected)

## PROFESSIONAL EXPERIENCE

### ICT Technical Support Atachee

*Kijabe Hospital | January 6, 2025 – April 6, 2025*

### Freelance Software Developer

*Self-Employed | 2023 – Present*

- **Full-Stack Development:** Designed and developed 5+ web applications from concept to deployment
- **Client Projects:** Created customized solutions for local businesses including WiFi billing systems and POS platforms
- **Project Management:** Managed complete project lifecycle from requirements gathering to post-deployment support
- **Technical Consultation:** Advised clients on optimal technology solutions for their business needs
- **Quality Assurance:** Implemented testing protocols ensuring 95%+ bug-free deployment

## ACHIEVEMENTS & COMPETITIONS

### Gold Medal – ICT Web Development

*KATTI National TVET Fairs & Competitions, 2025*

- Awarded 1st place nationally among 50+ competing institutions
- Recognized for innovative solution addressing real-world business challenges
- Demonstrated excellence in full-stack development and user-centered design

### Silver Medal – ICT Software Solutions for Business

*KATTI Research & Innovation Competitions, 2025*

- Secured 2nd place regionally for functional business software implementation
- Praised for robust architecture and practical application
- Showcased problem-solving skills in competitive environment

## TECHNICAL PROJECTS

**WiFi Billing Management System** | PHP, MySQL, JavaScript, Bootstrap

**Supermarket POS System** | Python, Django, PostgreSQL, JavaScript

**Kenyan Phishing Detector** | Python, BeautifulSoup, Requests, JavaScript

**E-Commerce Platform** | PHP, MySQL, JavaScript, Bootstrap

## TECHNICAL SKILLS

### Programming Languages

- **Expert:** PHP, Python, JavaScript
- **Proficient:** HTML5, CSS3, TypeScript, SQL
- **Familiar:** Bash Scripting, Lua

### Frameworks & Libraries

- **Backend:** Django, REST APIs
- **Frontend:** Bootstrap, jQuery
- **Database:** MySQL, PostgreSQL

### Tools & Platforms

- **Version Control:** Git, GitHub
- **Operating Systems:** Linux (Ubuntu, ParrotOS), Windows
- **Development Tools:** VS Code, Vim/Neovim, Docker, XAMPP, Apache
- **Productivity:** Trello, Notion, Microsoft Office

## PROFESSIONAL SKILLS

- Problem Solving & Analytical Thinking
- Communication & Collaboration
- Project Management
- Adaptability & Learning Agility
- Leadership & Teamwork
- Attention to Detail & Quality Focus
- Creativity & Innovation
- Client Relationship Management

## **LEADERSHIP & VOLUNTEER ACTIVITIES**

**Academic Secretary | Nachu Technical & Vocational College Student Council**

**Chess Club Coordinator | Nachu Technical & Vocational College**

**Technical Mentor | Peer-to-Peer Learning Initiative**

## **CERTIFICATIONS**

- **ICT National Competitions Certification (KATTI, 2025)**
- **Web Development Professional Skills Certification**
- **Linux System Administration Certification**
- **Database Management Systems Certification**

## **LANGUAGES**

- **English:** Professional Proficiency (Fluent)
- **German:** Intermediate Proficiency (Conversational)
- **Kiswahili:** Native Proficiency

## **REFERENCES**

Available upon request

## **DECLARATION**

I hereby certify that the information provided in this curriculum vitae is true, complete, and accurate to the best of my knowledge.

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_