

# Onesmus Kathurima Kiriimi

## ICT Support | Web Developer

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🔗 <https://onesmuskirimi.netlify.app/>

### 👤 PROFESSIONAL SUMMARY

Detail oriented Web Developer and ICT Support Specialist with over 3 years of experience delivering secure, scalable digital systems and ICT support across healthcare, education, and government environments. Experienced in React, Node.js, Express, MongoDB, and SQL, with strong capabilities in system analysis, data management, and user training. Proven ability to translate operational requirements into functional systems that improve service delivery, efficiency, and data accuracy. Experienced in both technical implementation and public sector digital transformation.

### 🔧 TECHNICAL SKILLS

**Web Development (React, Node.js, Express.js)**

**MongoDB & SQL Database Management**

**System Analysis & Requirements Gathering**

**ICT Support & Troubleshooting**

**Data Management, Cleaning & Validation**

**User Training & Technical Documentation**

### 📁 PROFESSIONAL EXPERIENCE

**System Analyst**, Freelance - ITR Business Limited

2025/12 – Present  
Nairobi, Kenya

- Participated in system analysis and requirements gathering for Terbibu Health System, intended for implementation by Laikipia County Health Services.
- Analyzed healthcare workflows, reporting needs, and system functionality.
- Contributed to functional documentation and alignment of technical solutions with county health service objectives.
- Supported stakeholder engagement and system planning activities.

**Freelance Web Developer**, Freelance

2025/06 – Present  
Nairobi, Kenya

As a Freelance Web Developer, I build full stack applications and deliver ICT support services to clients across various sectors. I focus on developing secure, responsive, and scalable digital systems that enhance operational efficiency and online visibility.

#### **Key Projects & Responsibilities:**

Nyahururu Hospital Full-Stack Website & Management System (Ongoing) 📌

Currently leading the development of a full-stack digital platform for Nyahururu Hospital.

- Building a modern, professional online presence to showcase hospital services, departments, and key information to the public.
- Developing a secure admin dashboard that allows authorized staff to manage website content, announcements, departments, administrators, and service information.
- Using a scalable architecture with the intention to expand the system into a full in-house Hospital Resource Management System capable of handling:
  - Appointments
  - Internal communications
  - Resource allocation
  - Staff and departmental workflows
- Implementing the backend using Node.js/Express and MongoDB, focusing on efficient data modeling, security, and API performance.

- Designing the frontend using React and Tailwind CSS for a responsive, clean, and user-friendly interface.
- Applying version control using Git and GitHub to ensure structured development and team collaboration.

**Digital Learning Programme Intern**, Ministry of Education – Meru Central Sub-County  
As part of the national Digital Literacy Programme, I supported oversight of ICT infrastructure, ensured data accuracy, provided teacher training, and facilitated digital learning adoption across the sub-county.

2024/05 – 2025/05  
Meru, Kenya

#### **Key Contributions & Achievements**

- Conducted extensive data verification of ICT devices, school digital status, and infrastructure performance across multiple institutions.
- Trained 100+ teachers on digital literacy, secure systems use, Google Workspace, and basic troubleshooting.
- Provided first-line technical support for digital learning devices, ensuring high system uptime.
- Assisted in the creation and organization of curriculum-aligned e-learning content to support CBC integration.
- Drafted ICT usage guidelines to ensure secure, standardized, and responsible use of digital equipment in schools.
- Played a key role in monitoring digital learning progress, documenting findings, and presenting reports to sub-county supervisors.

#### **Business Manager**, Self Employed

2023/01 – 2023/12  
Thika, Kenya

- Managed and operated a business venture, overseeing daily operations, scheduling, and service delivery.
- Handled customer engagement and relationship management to maintain service quality.
- Managed basic financial operations including budgeting, expense tracking, and revenue monitoring.
- Concurrently participated in AI training and data-related freelance work through Remotasks and Outlier.
- Performed data annotation, labeling, and validation tasks for machine learning models.
- Adhered to strict quality, accuracy, and compliance guidelines in remote work environments.
- Developed strong attention to detail, accountability, time management, and problem-solving skills.

#### **IT Support Intern**, Greta University

2022/08 – 2022/12  
Thika, Kenya

- Delivered IT Help Desk support, resolving hardware and software issues for students and staff, minimizing downtime.
- Conducted data entry, cleaning, and analysis using Google Workspace tools to support process improvement initiatives.
- Authored user training manuals and trained staff on Google Workspace applications, boosting productivity.
- Assisted in managing LAN/WAN network configurations to maintain system reliability.

## **SOFT SKILLS**

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**Strong communication & presentation skills:** I can clearly communicate technical information to both technical and non-technical audiences, ensuring understanding, alignment, and smooth collaboration.

**Attention to detail & data accuracy:** I consistently maintain high levels of precision when handling data, documentation, and system operations, minimizing errors and ensuring reliable outcomes.

**Problem-solving & analytical thinking:** I approach challenges logically, identify root causes quickly, and develop effective, practical solutions that improve system performance and workflow efficiency.

**Ability to work independently & collaboratively:** I can self-manage tasks with minimal supervision while also contributing effectively in team environments through open communication and shared decision-making.

**Adaptability in fast-paced environments:** I adjust quickly to new tools, priorities, and changes, maintaining productivity and focus even when working under pressure or in evolving situations.

**Time management & task prioritization:** I plan and organize work efficiently, balancing multiple responsibilities and deadlines while ensuring timely delivery of high-quality results.

## EDUCATION

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**Bachelor of Science in Computer Science,** Greta University 2019/05 – 2022/12  
Graduated with second-class Upper honors in Computer Science. Thika, Kenya

**Relevant Coursework:**

Software Engineering, Web Development, Database Systems, Operating Systems, Computer Networks, Software Project Management, Entrepreneurship.

**Kenya Certificate of Secondary Education,** Ikawa High School 2015/02 – 2018/11  
Chuka, Kenya

## REFERENCES

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**Edward Kamunya,** *Director,* ITR- Business Limited  
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**Grace Karimi,** *Sub County Director,* Ministry of Education, Meru Central  
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