

MULI CLEMENT WAMBUA

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Personal Summary

Motivated and technically skilled Computer Science graduate with a strong foundation in **web development**, **IT support**, and **cybersecurity**. Experienced in building responsive web applications using modern JavaScript frameworks and APIs. Adept at both front-end and back-end development, cloud deployment, and user-centered system design. Eager to contribute as a **Web Developer Intern** and grow through real-world problem-solving, collaboration, and continuous learning

Technical Skills

Full-Stack Development (MERN + PHP)

- **Frontend:** React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, FullCalendar
- **Backend:** Node.js, Express.js, PHP (Core), RESTful API Development
- **Databases:** MongoDB (Mongoose), MySQL
- **Authentication:** JWT, Role-based Access Control, Sessions
- **State Management:** Context API, LocalStorage, useReducer

Development Tools & Practices

- **Version Control:** Git, GitHub
- **API Testing & Debugging:** Postman, Chrome DevTools
- **Testing Frameworks:** Jest, Supertest, MongoDB Memory Server
- **Containerization & CI/CD:** Docker, GitHub Actions

Cloud & Deployment

- **Platforms:** Vercel, MongoDB Atlas, Netlify
- **CMS & Admin Tools:** WordPress (basic), Google Sites

System Administration & IT Support

- **OS & Networking:** Windows, Linux (Ubuntu/Mint), Wireshark, Nessus
- **Support Tools:** Google Workspace, Microsoft 365, SharePoint
- **Documentation:** Canva, SOPs, IT Asset Logs

Education

- **Bachelor of Science in Computer Science** | *South Eastern Kenya University* | **2020 - 2024**
Graduated with **Second Class Upper Division**
Coursework: Web Development, Network Systems, IT Infrastructure, Cybersecurity

Certifications & Training

- **Full-Stack Web Development (MERN)**

Power Learn Project Academy - *Ongoing*

Comprehensive training in the MERN stack (MongoDB, Express.js, React, Node.js)

Includes RESTful API development, backend architecture, front-end components, and deployment strategies

- **Microsoft Certified: Security, Compliance, and Identity Fundamentals**

Microsoft | *Issued May 2025* | [Verify](#)

- **Career Essentials in Cybersecurity by Microsoft and LinkedIn**

Microsoft & LinkedIn | *Issued: April 2025* | [Verify](#)

- **Cisco Networking Academy Certifications | Issued February 2025**

Networking Basics | [Verify](#)

Networking Devices and Initial Configuration | [Verify](#)

Introduction to Cybersecurity | [Verify](#)

- **Google IT Support Professional Certificate**

Coursera | *Issued August 2023* | [Verify](#)

Projects

Job Tracker Web App

MongoDB, Express.js, React, Node.js, REST API, FullCalendar

- Designed a job management app featuring calendar-based scheduling, modal editing, and drag-and-drop
- Created a REST API for CRUD operations on job tasks and user events
- Used React Context for state and deployed front-end to Vercel

[Live App](#) | [GitHub](#)

Auto Spares Shop Management

MongoDB, Express.js, React, Node.js, TypeScript, REST API

- Built a POS and inventory management platform with **category filtering**, **floating cart**, and **admin dashboard**
- Backend includes RESTful routes for parts, sales, users, and categories with role-based access control
- Connected to **MongoDB Atlas** and deployed front-end to Vercel

[Live Dashboard](#) | [GitHub](#)

Real-Time Chat Application

React, Node.js, Socket.io, Tailwind CSS

- Built a secure chat system with **private messaging**, **typing indicators**, and **read receipts**

- Implemented bi-directional communication with Socket.io

[Live Demo](#) | [GitHub](#)

AI Resume Analyzer

React, TypeScript, OpenAI API, Tailwind CSS

- Developed a CV review tool powered by **OpenAI GPT**, with support for text input and file upload
- Built RESTful endpoints to send and receive AI-generated suggestions dynamically
- Styled with **Tailwind CSS** and deployed on **Vercel**

[Live App](#) | [GitHub](#)

Professional Experience

IT Support Attaché | Teachers Service Commission (TSC)

May 2023 - July 2023

- Provided first-level **hardware and software support** to over 25 users, resolving 95% of issues on first contact
- Installed and configured 30+ end-user devices, including desktops, laptops, and network peripherals
- Performed **software updates** and application troubleshooting across systems
- Maintained accurate records for 100+ IT assets using internal documentation systems
- Planned and deployed **low-maintenance device setup processes**, reducing average configuration time by 30%
- Supported cybersecurity measures by detecting anomalies with **Nessus and Wireshark**
- Delivered basic IT training to staff on Google Workspace, improving team tech confidence
- Assisted in enforcement of ICT policies, tracking system usage compliance and escalation

Achievements & Activities

- **CyberGame 2025**, Ministry of ICT & Digital Economy: Resolved real-world cyber threats in a national simulated environment.
- Strong Ethics & Accountability in System Use
- Effective Communication & End-User Support
- Cultural Sensitivity & Team Collaboration
- Passion for Digital Inclusion & Community Empowerment

Referees

Available upon request