

MICHEAL WANGA JUMA

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Objective

Seeking a challenging System Administrator position to leverage a strong foundation in IT, problem-solving skills, and a commitment to maintaining robust and efficient IT infrastructure for organizational success.

Education

- **Bachelor of Science in Computer Technology -**

Multimedia University of Kenya (2022 - To date)

Undergraduate

Relevant Coursework: Operating Systems, Networking, Database Management and Server Administration, Web Development

- **Kenya Certificate of Secondary Education -**

Kanunga High School (2018-2021)

Grade: B-

- **Kenya Certificate of Primary Education -**

Thindigua Primary School (2013-2017)

Score: 361

Certifications

- **ISO/IEC 27001:2022 Lead Auditor**

- o **Issuing Body:** Mastermind Assurance

- o **Issued:** September 29, 2025 (Valid until September 28, 2028)

- *(This certification demonstrates expertise in Information Security Management Systems (ISMS), which is highly relevant to system administration and infrastructure security.)*

Experience

Full-Stack Development and Digital Marketing Intern at PAWATECH SOLUTIONS | 8 Weeks

Executed a dual role in web development and digital marketing, culminating in the creation of a comprehensive, production-ready website and a diverse portfolio of marketing assets.

Key Achievements:

- **Full-Stack Development:** Contributed to the design, development, and launch of a client website using a Node.js back-end and a JavaScript/React-based front-end.
- **System and API Integration:** Implemented **authentication tactics**, generated and integrated databases, and developed a functional **Admin Dashboard** for client-side monitoring and analysis. Tested and validated all APIs using tools like Postman and Rest Client.
- **Quality Assurance & Debugging:** Managed code deployment via **GitHub** (including handling merge conflicts) and systematically debugged complex, recurring errors in the back-end. Performed final comprehensive quality assurance checks for broken links and mobile responsiveness across web pages.
- **Digital Content Creation:** Designed a wide range of marketing collateral for social media advertising, including **posters, animations, engagement polls, product catalogs, and short videos**.
- **Multimedia Optimization:** Edited and optimized video content (e.g., behind-the-scenes clips) for various platforms, mastering techniques such as **lip-syncing and caption integration** to ensure professional and engaging output.

Skills

- **System Administration & Infrastructure:** Windows Server 2019, Linux e.g., Ubuntu and Kali, Network Configuration (TCP/IP, DNS, DHCP), Basic Server Management, Troubleshooting, Data Backup & Recovery.
- **Programming & Scripting:** CSS, JavaScript, HTML, Basic Shell Scripting
- **Software & Tools:** Microsoft Office Suite, Virtualization e.g., VirtualBox, VMware Workstation.
- **Frontend Development:** React.js, TypeScript
- **Computer Literacy:** High computer literacy

- **Soft Skills:** Fluent in English and Kiswahili, Friendly and adaptable to any environment, Decision making, Team building, Peer counsellor, Strong problem-solving, Communication.

Projects

- **System Configuration Projects:**

Configured and maintained a personal Linux server environment (e.g., Ubuntu Server) for file sharing and media streaming, including network setup and security hardening.

Interests

Volunteering, adventures, swimming, photo-shooting and video-editing, football, archery and javelin. Poster designer and logo maker.

Languages

- **Read:** English, Kiswahili, Kikuyu
- **Write:** English, Kiswahili
- **Speak:** English (fluently), Kiswahili (fluently), Luhya (partially), Luo (partially), Kikuyu (partially)

Personal Details

- **Date of Birth:** 27/06/2003
- **Nationality:** Kenyan
- **Religion:** Christian
- **Gender:** Male

References

Mrs. Ngige - Business Teacher, Kanunga High School

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Michael Senya – Digital Marketer

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