

**EMANUEL KIMINDU PETER**

ICT Specialist | Network Engineer | Full Stack Developer | Research Lead |  
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**PROFESSIONAL SUMMARY**

A versatile and results-driven Computer Scientist with expertise in network administration, Windows Server management, software development, IT support, and data analysis. Skilled in designing, configuring, and optimizing LAN/WAN networks, managing Windows Server environments, and ensuring seamless connectivity, security, and performance across IT infrastructures. Adept at developing robust and scalable web applications, translating business requirements into user-friendly solutions, and implementing cybersecurity best practices. Proficient in Microsoft 365 administration and IT security, with a passion for leveraging technology to enhance business efficiency and innovation. A problem solver and collaborative team player, dedicated to optimizing IT operations, strengthening network systems, and delivering reliable technical support in dynamic environments.

**KEY SKILLS AND COMPETENCIES**

- **Network Engineering:** Cisco-certified in LAN/WAN management, VPNs, DNS, DHCP, and network infrastructure design, device configuration, and performance optimization.
- **Web Development:** Proficient in full-stack technologies (HTML, CSS, JavaScript, Python, PHP, React, Git, REST APIs) with experience in scalable web and desktop applications.
- **Windows Server Administration:** Skilled in Windows Server 2022, Active Directory, Domain Services, Group Policies, and enterprise IT management.
- **Database Management:** Experienced in MySQL, Advanced Excel, Kobo Collect, and data visualization.
- **Microsoft 365 Administration & ICT Support:** Proficient in Office 365 tools, system troubleshooting (CompTIA A+), and Windows/UNIX environments Fundamentals.
- **Graphics Design:** Skilled in Photoshop, Illustrator, Canva, and branding materials.
- **Training & Empowerment:** Experienced in ICT training and Ajira digital skills programs.
- **Soft Skills:** Strong communication, problem-solving, leadership, and adaptability

**WORK EXPERIENCE****ICT Field Service Specialist – Q-SYS- Riana Group, Kenya | July 2025 - Present**

- Managing and servicing solutions such as Queue Management Systems (QMS), Digital Signages, Customer Feedback Systems, and Appointment Management Platforms.
- Providing responsive on-site technical support and troubleshooting to ensure optimal system performance.
- Contributing to Research & Development efforts to customize and improve solutions for local business needs.
- Collaborating with cross-functional teams to ensure seamless integration and client satisfaction.
- Maintaining project documentation, preparing handover reports, and upholding high service standards.

**Information Technology Officer -Lifecare Hospitals - Makindu | November 2024 – April 2025**

- Designed and managed LAN/WAN networks, improving connectivity by 30%.
  - Configured routers, switches, access points, firewalls, and Ethernet/fiber cabling.
  - Administered Microsoft 365 (Outlook, Teams, OneDrive) for seamless collaboration.
  - Implemented cybersecurity controls: firewalls, biometric systems, antivirus.
  - Managed Queue Management Systems (QMS), HMIS, and Patient Management Systems.
  - Led CCTV installations and monitoring, enhancing security coverage by 30%.
  - Maintained IT asset records and liaised with vendors for support and procurement
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**TEAM LEAD – NACOSTI Licensed Research Project | June 2025 | Egerton University – Makueni County.**

**Research Title: Castor Farming Adoption and Its Effect on Household Income among Small-Scale Farmers**

- Led a research team under a NACOSTI license, ensuring full compliance with national research ethics and protocols.
  - Designed digital data collection tools using Kobo Toolbox/ Collect to enhance data accuracy and efficiency.
  - Trained and supervised a team of field enumerators on data validity, integrity, and ethical research practices.
  - Coordinated enumerator deployment across multiple sub-counties, ensuring smooth field operations.
  - Reviewed daily data submissions to ensure consistency, completeness, and quality.
  - Analyzed research data using appropriate tools to extract insights for policy and academic reporting.
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**Assistant Centre Manager -Ajira Volunteer Champion Ajira Youth Empowerment Centre (AYEC), Kibwezi**

**West | June 2024 – October 2024**

- Delivered ICT training to over 300 youth on Web Development, Data Analysis, Graphics Design, and Programming.
- Managed centre operations and mentored attachés for professional growth.
- Provided LAN setup, hardware/software configurations, and technical support.
- Led data analysis & reporting, improving program efficiency.
- Developed ICT curriculum and digital empowerment strategies
- Leveraged data insights from training sessions to refine program strategies and enhance effectiveness.

**ICT Officer- NG-CDF Kibwezi West Headquarters | May 2023 – July 2023**

- Configured and maintained computer hardware, network devices, and software applications.
- Managed and analyzed large datasets for bursary allocations and tenders, ensuring accuracy.
- Conducted system checks and troubleshooting, minimizing downtime.
- Installed and managed LAN infrastructure, improving network efficiency.

**Independent Electoral and Boundaries Commission of Kenya – Administrative Clerk | August 2022**

- Operated biometric systems kits for voter identification and verification during general elections
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**EDUCATION**

**Egerton University (2020 – 2024) -BSc. Computer Science | Second Class Honors (Upper Division)**

**Dawamu School (KCSE - 2019)**

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## **KEY PROJECTS**

### **CDF Mkononi Desktop Application**

- **Description:** A desktop platform for accessing Constituency Development Fund services, including bursary, job, and tender applications. Promotes transparency, accountability, and citizen participation through real-time tracking.
- **Technologies:** HTML, CSS, JavaScript, PHP, SQL, Bootstrap, REST APIs.
- **GitHub:** [https://github.com/Mannuh77/cdfmkononi\\_site.git](https://github.com/Mannuh77/cdfmkononi_site.git)

### **Kibwezi West Constituency Bursary Application System**

- **Description:** A web-based system to streamline bursary applications, enabling residents to register, apply, and track statuses online. Enhances transparency and operational efficiency.
- **Technologies:** HTML, CSS, JavaScript, PHP, SQL, REST APIs.
- **GitHub:** <https://github.com/Mannuh77/BursaryApplicationSystem.git>

Personal Profile Websites - <https://emanuelkimindu.netlify.app/> |

**QMS Deployments (HFC Bank-Hurlingham, Mater Hospital Nairobi)** – Deployed and optimized queue management platforms, improving service efficiency and customer satisfaction.

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## **CERTIFICATIONS**

- **Cisco Certified:** Support Networking Technician, Network Addressing & Routing, Device's configuration, Data Science.
- **Ajira Digital Program Kenya:** Digital Marketing, Cybersecurity, Graphics Design.
- **Udemy:** Advanced Data Analysis with Excel.
- **USAID:** Business Administration.
- **Alison Academy** – CompTIA A+ 1000
- **Brighter Monday Kenya-** Soft Skills

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## **REFERENCES**

- **Md. Angeline Ojiambo**  
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