

# JUSTUS KIPCHUMBA KEMEI

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## PROFESSIONAL SUMMARY

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Results-driven ICT professional with a strong background in IT support, network administration, cybersecurity, and enterprise systems. Experienced in troubleshooting hardware, software, and network issues, managing user support, and maintaining secure ICT environments. Trained under Cyber Shujaa and Cisco Ethical Hacker programs, with hands-on exposure to cloud systems, Linux, and business applications. Highly adaptable, service-oriented, and committed to supporting reliable and secure ICT operations.

## CORE SKILLS

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**ICT & Systems Support:** User support and troubleshooting (hardware, software, networks), system installation, configuration and maintenance, basic server administration, ICT policy compliance, data security practices.

**Networking & Security:** TCP/IP, LAN/WAN, wireless networks, network scanning and monitoring (Nmap, Wireshark), vulnerability assessment, threat detection.

**Applications & Tools:** Microsoft Office, Git, Docker, Visual Studio, Linux systems, Windows OS.

**Programming & Databases:** Python, C#, SQL, PHP, HTML, CSS, AL (Dynamics 365 Business Central)

**Soft Skills:** Communication, teamwork, documentation, time management, problem-solving.

## PROFESSIONAL WORK EXPERIENCE

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### Mastercard Cybersecurity virtual experience program on Forage

July 2025

- Completed a job simulation where I served as an analyst on Mastercard's Security Awareness Team
- Helped identify and report security threats such as phishing
- Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams

### Security Analyst (TRAINEE)

September 2024 - December 2024

#### CyberShujaa – VIRTUAL

- Conducted simulated penetration tests to identify and exploit system vulnerabilities.
- Practiced privilege escalation, lateral movement, and post-exploitation in secure scenarios.
- Performed threat-hunting by analyzing network logs and traffic for suspicious activities.
- Gained proficiency in Nmap, Wireshark, and Metasploit for real-world cybersecurity applications.

### Technical Consultant - Business Applications (ATTACHMENT)

September 2023 - December 2023

#### Agile Business Solutions Limited – Jumuia, Nairobi, Kenya

- Developed and customized extensions (pages, tables, reports) for Microsoft Dynamics 365 Business Central.
- Customized user interfaces by developing/altering pages, adding fields, and actions.
- Created and modified reports using AL, RDLC, and Word layouts for data presentation.
- Tested and debugged extensions using Visual Studio Code, ensuring reliable solutions.

## EDUCATION

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### Umma University – Nairobi, Kenya

September 2021 – June 2025

Bachelor of Science in Information Technology

## CERTIFICATIONS

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- ❖ Cisco Certified Network Associate
- ❖ Cisco Ethical Hacking
- ❖ Enterprise Security in Practice - IBM
- ❖ Security Analyst (Cybershujaa)
- ❖ Professional Foundations - ALX
- ❖ Networking and Administration Fundamental

## REFERENCES

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Available Upon Request