

Part 2: Advanced Interview Questions & National Vision Topics

1. The Big 4 Agenda and Ruto's Government Vision

- The Big 4 Agenda continues under the Bottom-Up Economic Transformation Agenda (BETA).
- 1. Manufacturing – Strengthening industries and job creation.
- 2. Affordable Housing – Providing low-cost homes for Kenyans.
- 3. Universal Health Coverage (UHC) – Ensuring access to affordable healthcare.
- 4. Food Security – Boosting agriculture for self-sufficiency.
- ICT supports these pillars through digital platforms, e-health systems, and data-driven governance.

2. Turning a Good Idea into a Business

- Identify a real problem and validate your idea.
- Develop a simple prototype or MVP for testing.
- Collect feedback and refine the product.
- Create a business model and reach your target market digitally.
- Example: Building a small data dashboard for SMEs, test with one client, then scale.

3. Kenyan ICT Policies

- National ICT Policy (2020) – Promotes digital innovation and inclusion.
- Data Protection Act (2019) – Protects citizens' privacy and data rights.
- Computer Misuse and Cybercrimes Act (2018) – Prevents hacking and digital fraud.
- National Cybersecurity Strategy (2022–2027) – Strengthens digital safety.
- Kenya Digital Economy Blueprint (2019) – Guides digital transformation.

4. The Digital Superhighway and Its Key Drivers

- A national project expanding Kenya's broadband infrastructure and digital access.
- Key drivers include:
 - Broadband Infrastructure Expansion – 100,000+ km of fiber optic cable.
 - Digital Government Services (eCitizen 2.0).
 - Digital Skills (Ajira, Jitume, PDTP).
 - Innovation Hubs and Data Centers.
- Goal: Make Kenya a regional digital hub and improve connectivity in all counties.

5. Understanding SHA, SHIF, and Health Systems

- SHA – Social Health Authority, manages universal health coverage.
- SHIF – Social Health Insurance Fund, replacing NHIF to ensure equitable access.
- Focus on digital health systems for efficiency, e-records, and accountability.
- ICT ensures secure health data management, telemedicine, and analytics.

6. Tell Us About Yourself & Why You Chose This Program

- I'm Daniel Kimeu Masila, an IT graduate passionate about ICT for development.
- I chose this internship to apply my technical skills in improving government service delivery.
- The program provides real-world experience, mentorship, and opportunities to support Kenya's digital transformation agenda.

7. Presidential DigiTalent Programme (PDTP)

- A flagship government program by the Ministry of ICT and ICT Authority.

- Objective: To bridge the digital skills gap among young ICT graduates.
- Focus Areas: Professional development, mentorship, innovation, and public service improvement.
- It supports the Digital Superhighway and Digital Economy pillars.
- I value PDTP because it demonstrates how ICT can transform governance and empower youth to innovate for the public good.

8. Additional Common Questions

- What does ICT mean to you in public service?
- How would you assist a user facing a computer problem?
- What is cloud computing and how can it improve service delivery?
- How do you stay updated with ICT trends?
- Where do you see yourself in five years in the ICT field?

ICT Intern Interview Quick Revision Sheet

Prepared for: Daniel Kimeu Masila
Role: ICT Intern (Government Setting)

1. Introduce Yourself

- My name is Daniel Kimeu Masila, an Information Technology graduate from Kirinyaga University.
- I'm passionate about ICT systems, networking, and data management.
- I aim to contribute to digital transformation in government through innovation and teamwork.

2. Why You Are Good for the Role

- I have strong technical skills in computer systems, networking, and troubleshooting.
- I'm a fast learner, adaptable, and enjoy solving ICT challenges.
- I value teamwork and continuous learning to support ICT operations effectively.

3. Computer Components

- Hardware – physical parts (CPU, monitor, keyboard).
- Software – programs and operating systems.
- Peopleware – users and IT professionals.
- Data – information processed by the system.
- Procedures – rules on how to use the system.

4. Head of ICT Ministry

- Cabinet Secretary for Information, Communications and the Digital Economy: Hon. Eliud Owalo (as of 2025).

5. Networking Basics

- Connects computers to share resources (LAN, WAN, MAN).
- Devices: routers, switches, modems.
- Protocols: TCP/IP for communication.
- Network security ensures data protection.

6. Importance of Teamwork

- Encourages knowledge sharing and collaboration.
- Improves efficiency and innovation.
- Essential for solving complex ICT challenges together.

7. Use of Artificial Intelligence (AI)

- Automates repetitive tasks and improves efficiency.
- Enhances data analysis for decision-making.
- Supports chatbots, fraud detection, and digital service delivery.

8. Emerging ICT Trends

- AI and Machine Learning
- Cloud Computing
- Cybersecurity and Data Privacy
- Internet of Things (IoT)
- 5G and Smart Infrastructure

9. Computer Hardware Components

- Input Devices – keyboard, mouse.
- Output Devices – monitor, printer.
- CPU – processes instructions.
- Storage – hard drives, SSDs, flash drives.
- Memory – RAM and ROM.
- Motherboard – connects all parts.
- Power Supply – provides energy.

10. ICT Policies in Kenya

- National ICT Policy (2020)
- Data Protection Act (2019)
- Computer Misuse and Cybercrimes Act (2018)
- Kenya Information and Communications Act (1998)
- National Cybersecurity Strategy (2022–2027)

11. ICT Trends in Kenya

- Digital Government Services (eCitizen, Huduma)
- 5G and Broadband Expansion
- Fintech (MPESA, digital banking)
- E-learning and Remote Work
- AI and Big Data Analytics

12. Ongoing Government ICT Projects

- Digital Superhighway Project
- Konza Technopolis (Silicon Savannah)
- eCitizen 2.0 Platform
- Huduma Kenya Centers
- Government Data Center (GDC)
- Ajira Digital and Jitume Programs

13. Cyber Threats

- Phishing, Malware, Ransomware, Hacking, Data Breaches, DoS Attacks.
- Prevent by using strong passwords, antivirus, backups, and secure networks.

14. Additional Possible Questions

- What is your understanding of ICT in public service?
- How would you handle a user with a technical problem?
- What is cloud computing and how can it benefit government?
- What is data backup and why is it important?
- Explain the difference between hardware and software troubleshooting.