KIDS & TEENS FREELANCING TRAINING

Linux Kali Course Outline

MODULE 1: Introduction to Linux & Kali OS

- What is Linux? What makes it different from Windows/Mac?
- Introduction to Kali Linux (for learning and security testing only)
- Installing Kali (VirtualBox or USB live boot, with adult help)
- Basic safety and ethics: "White Hat" hacker mindset

MODULE 2: Linux Terminal Basics

- What is the terminal and why is it powerful?
- Basic commands: `ls`, `cd`, `pwd`, `mkdir`, `rm`
- Navigating folders and files
- Mini practice: Make a folder system using only the terminal

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MODULE 3: Cybersecurity 101 for Kids

- What is cybersecurity?
- Types of hackers: White Hat vs Black Hat
- Strong passwords & online safety
- Responsible use of tools (never hack real sites!)

MODULE 4: Kali Tools Overview (Kid-Safe)

- Tools for learning only: Wireshark, Nmap, Zenmap
- What each tool is used for (like seeing how networks talk)
- Launching tools responsibly
- Adult-supervised exploration of interfaces

MODULE 5: Networks and IP Addresses

- What is a network? LAN vs WAN
- What is an IP address and how to find yours
- Ping and traceroute explained
- Activity: Find devices on your home network (safely)

MODULE 6: Scanning with Nmap (Kid-Safe Scope)

- What is Nmap and what does it do?
- Scan a local test environment (not internet targets)
- Understand open/closed ports
- Log findings in a worksheet

MODULE 7: File Permissions & Users in Linux

- Files and folders have permissions
- User roles: root, standard, guest
- `chmod`, `chown`, and permission symbols
- Practice: Make a folder only you can access

MODULE 8: Final Project & Cyber Safety Pledge

- Design a "Kid Safe Hacking Lab" setup
- Demonstrate one Kali tool (like a scan or file control demo)
- Share your final log or video
- Sign a Cyber Safety Pledge and get certified