Anthony Perryman – Cybersecurity Portfolio

Summary of selected cybersecurity home lab projects demonstrating skills in packet analysis, reconnaissance, SOC workflows, vulnerability analysis, and basic automation.

Packet Capture & Analysis – Wireshark

Goal: Build confidence reading packet flows, spotting anomalies, and troubleshooting network issues using Wireshark in a controlled home lab. ## Lab Setup - Windows 10 VM and a Linux VM

Kali Linux Network Recon & Enumeration

Goal: Gain familiarity with host discovery and service enumeration to better understand how attackers map environments and how defenders interpret scan data. ## Lab Setup - Kali Linux VM

SOC Alert Triage & Incident Simulation

Goal: Simulate basic Tier 1/Tier 2 SOC workflows: triage alerts, review logs, determine severity, and document incidents clearly. ## Lab Setup - Sample system and authentication logs

Vulnerability Scan Review & Remediation Planning

Goal: Practice reading and prioritizing vulnerability scan results, then translating them into a practical remediation plan. ## Lab Setup - Vulnerability scanner (OpenVAS, Nessus Essentials, or similar)

PowerShell Log Parsing & Basic Automation

Goal: Use PowerShell to simplify parts of log review, focusing on filtering and highlighting events of interest. ## Lab Setup - Windows machine with PowerShell