# Personal Portfolio


## Puri Jagannadh

Aspiring Cyber Security Analyst

# Who I Am:

I am an aspiring cybersecurity Trainee with foundational training in Networking and Operating Systems, Network and Packet Analysis, Vulnerability Management, Basics of Python, Exploitation, Basics of Penetration Testing and SIEM Tools. Passionate about learning and building practical skills to protect digital systems from emerging threats.

# Career Objective:

My career objective is to build a progressive career as a SOC Analyst, specializing in threat detection, incident response, and continuous security monitoring. I am committed to mastering advanced SIEM tools and cybersecurity frameworks to strengthen organizational defense mechanisms. With a strong focus on proactive threat mitigation and analytical precision, I aim to evolve into an expert-level SOC professional who ensures robust and resilient security operations.

# Experience & Education:

- Digit Defense Company - Cyber Security Analyst Intern
  Madhapur, Hyderabad, Telangana
  Oct 2025 - Present

- Skillogic - Cyber Security Trainee
  Madhapur, Hyderabad, Telangana
  Aug 2025 - Sep 2025

- Godavari Institute of Engineering & Technology
  B.Tech | Electronics and Communication Engineering
  Rajahmundry, Konaseema Dist, AP
  Sep 2021 - May 2025

# Skills:

- Networking & Operating Systems
- Vulnerability Scanning & Assessment
- Network Security
- Basics of Python
- Basics of Penetration Testing
- Network Analysis & Traffic Monitoring
- SIEM Tools

# Tools Learned:

- OpenVAS (GreenBone)
- Tenable Nessus
- Acunetix 11
- Wireshark
- Nmap
- Angry IP Scanner
- Splunk
- Wazuh
- Kali Linux
- John The Ripper
- Owasp ZAP
- Cryptography - Encryption/Decryption
- MetaDefender EDR
- WAFw00f
- VirusTotal
- Who is

# Projects:

## Vulnerability Assessment on Kali Linux Using OpenVAS

- Conducted a comprehensive vulnerability scan on Kali Linux using OpenVAS to detect system weaknesses and misconfigurations.
- Analyzed scan results to identify critical, high, and medium-risk vulnerabilities and potential exploitation paths.
- Prepared a detailed report with actionable recommendations to strengthen system security and mitigate risks.

# Projects:

## Network Traffic Monitoring and Threat Analysis Project

- Captured and analyzed network packets using Wireshark to detect anomalies and suspicious traffic.
- Identified common protocols (TCP, UDP, ICMP) and inspected headers for potential DoS or SYN flood patterns.
- Created a report summarizing traffic behavior, threats, and mitigation insights.

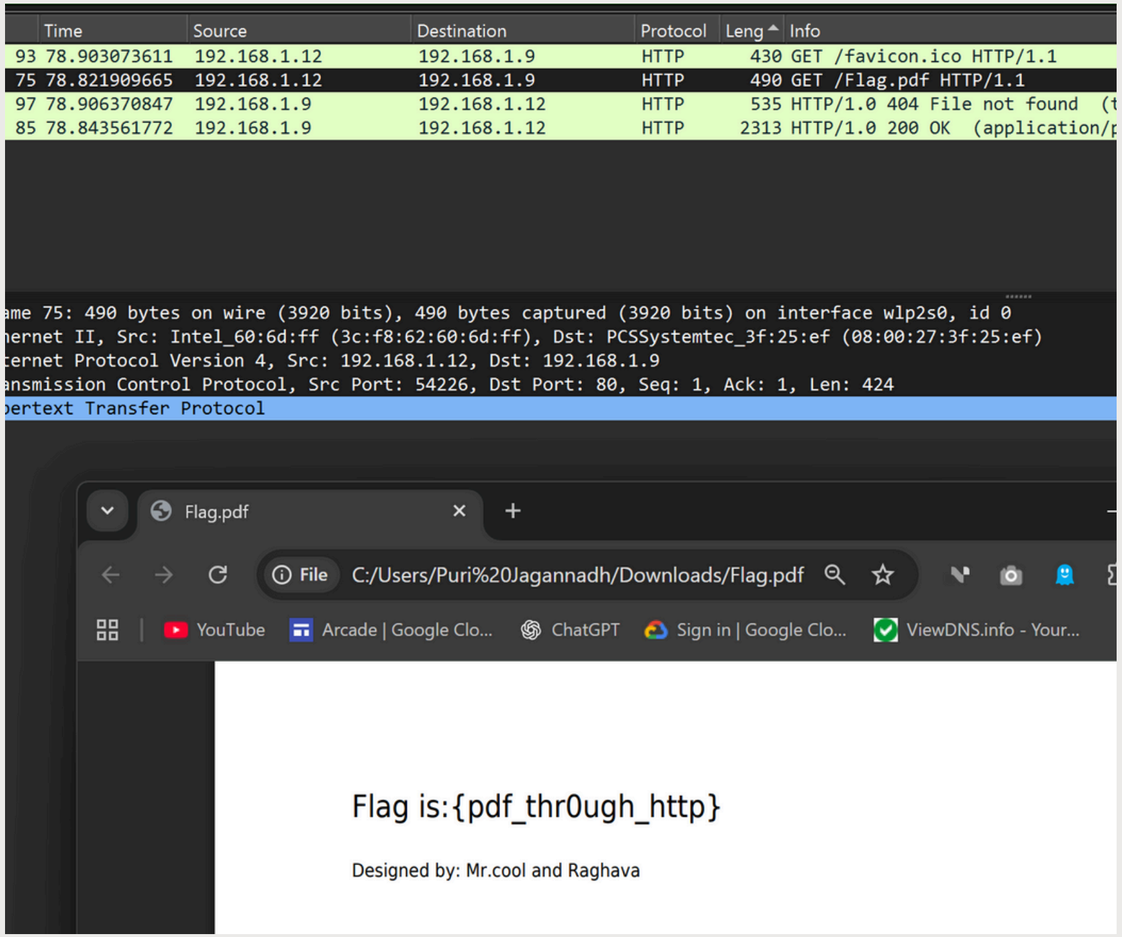
# Mini-Projects:

- Scan Your Local Network for Open Ports using Nmap.
- Analyze a Phishing Email Sample.
- Perform a Basic Vulnerability Scan on Your PC.
- Setup and Use a Firewall on Windows/Linux.
- Capture and Analyze Network Traffic Using Wireshark.
- Create a Strong Password and Evaluate Its Strength.
- Identify and Remove Suspicious Browser Extensions.
- Working with VPNs.

# Lab Work:

## Capture The Flag (CTF)

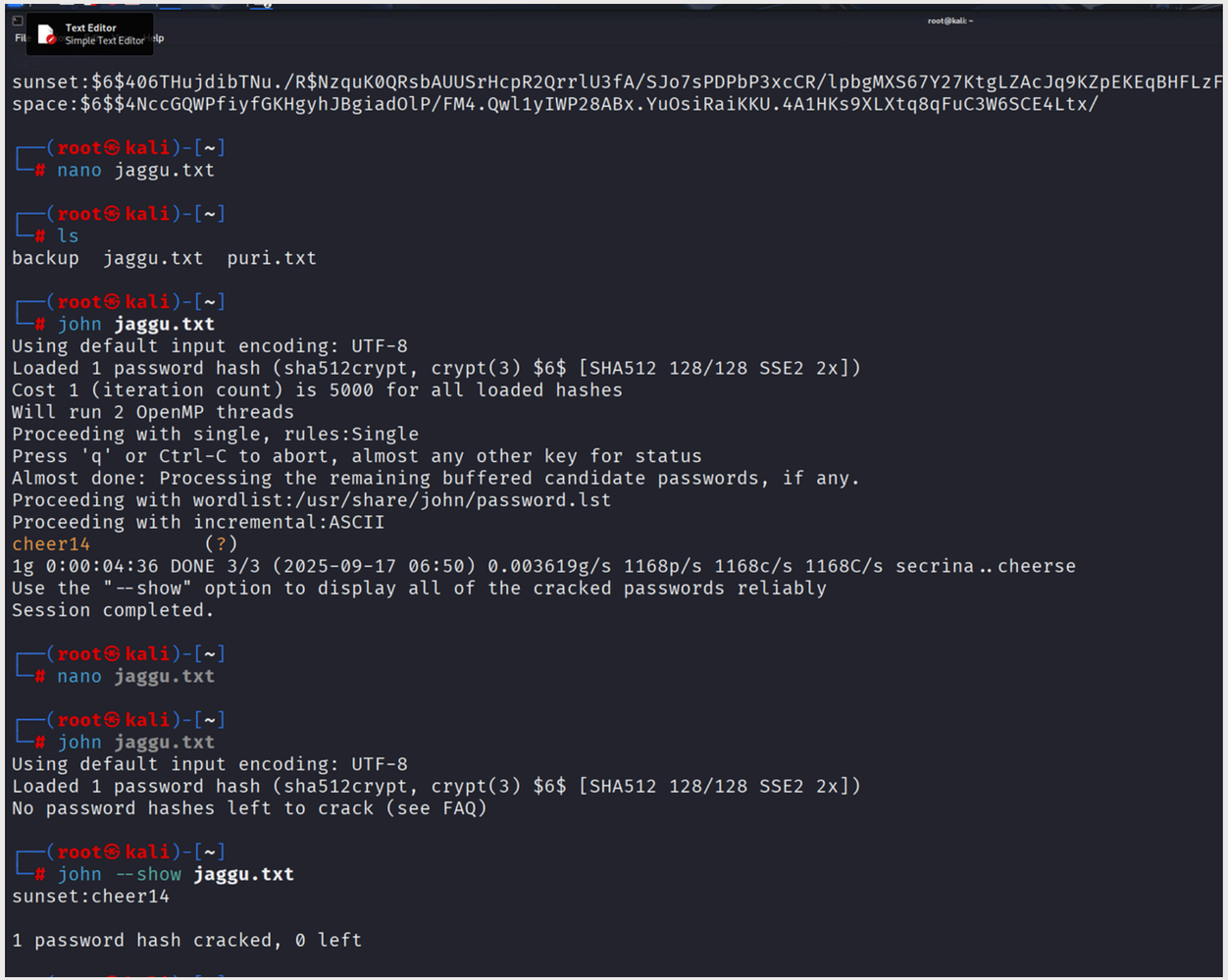
- Completed a Capture the Flag (CTF) lab activity to test cybersecurity concepts.
- Solved multiple security challenges to capture flags in simulated environments.
- Gained hands-on experience in identifying and resolving basic security tasks.



# Lab Work:

## Sunset Server Hacking

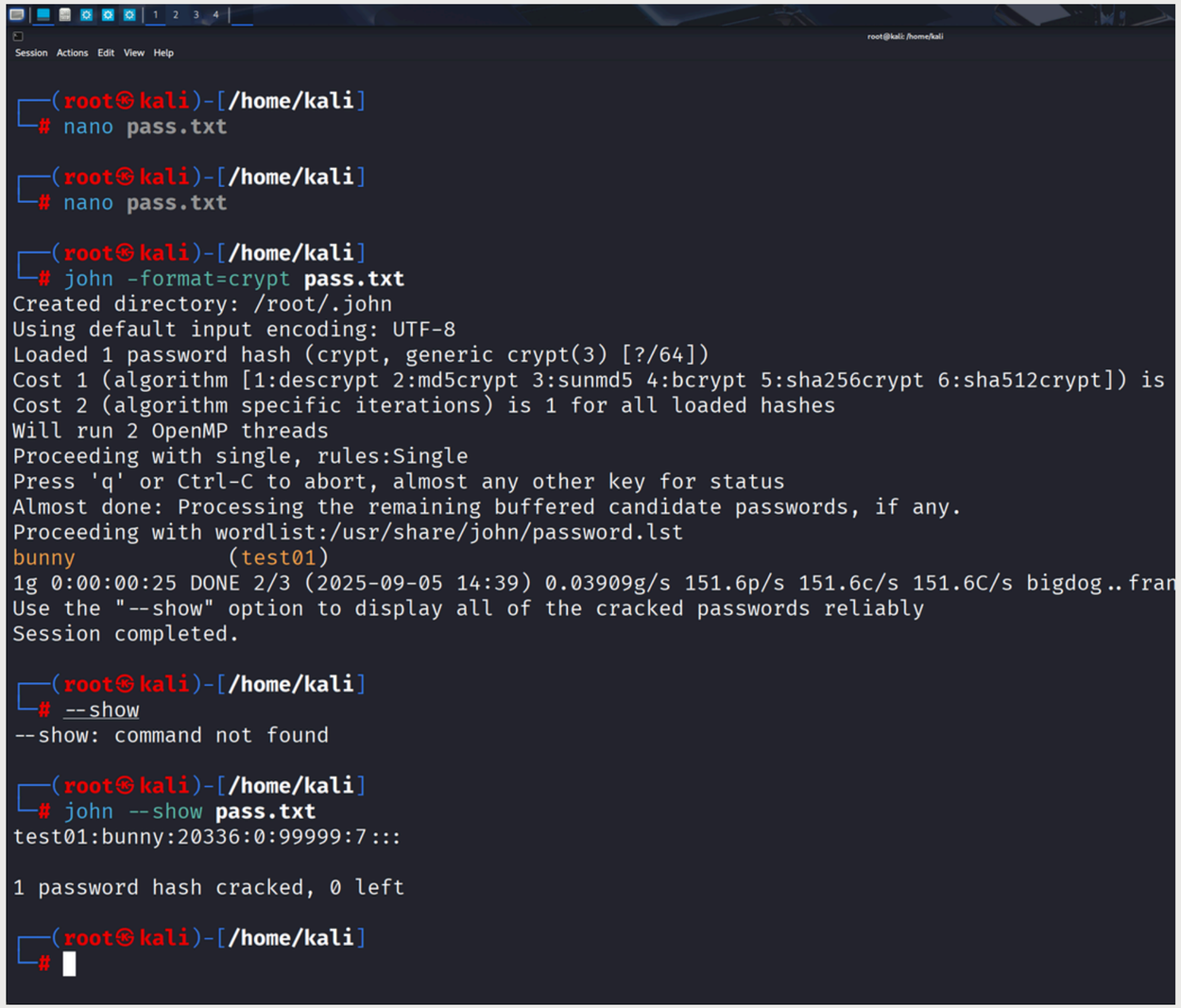
- Completed a controlled Sunset Server compromise and documented each step.
- Created a clear, reproducible report with screenshots and remediation steps.
- Performed an authorized server hack to retrieve passwords and validated recovered credentials.



# Lab Work:

## Password Cracking Using John The Ripper

- Successfully cracked a user's password using John the Ripper in a controlled lab environment.
- Thoroughly documented all hash types, commands executed, and recommended remediation steps.
- Gained practical experience and effectively mastered John the Ripper and password-cracking techniques.

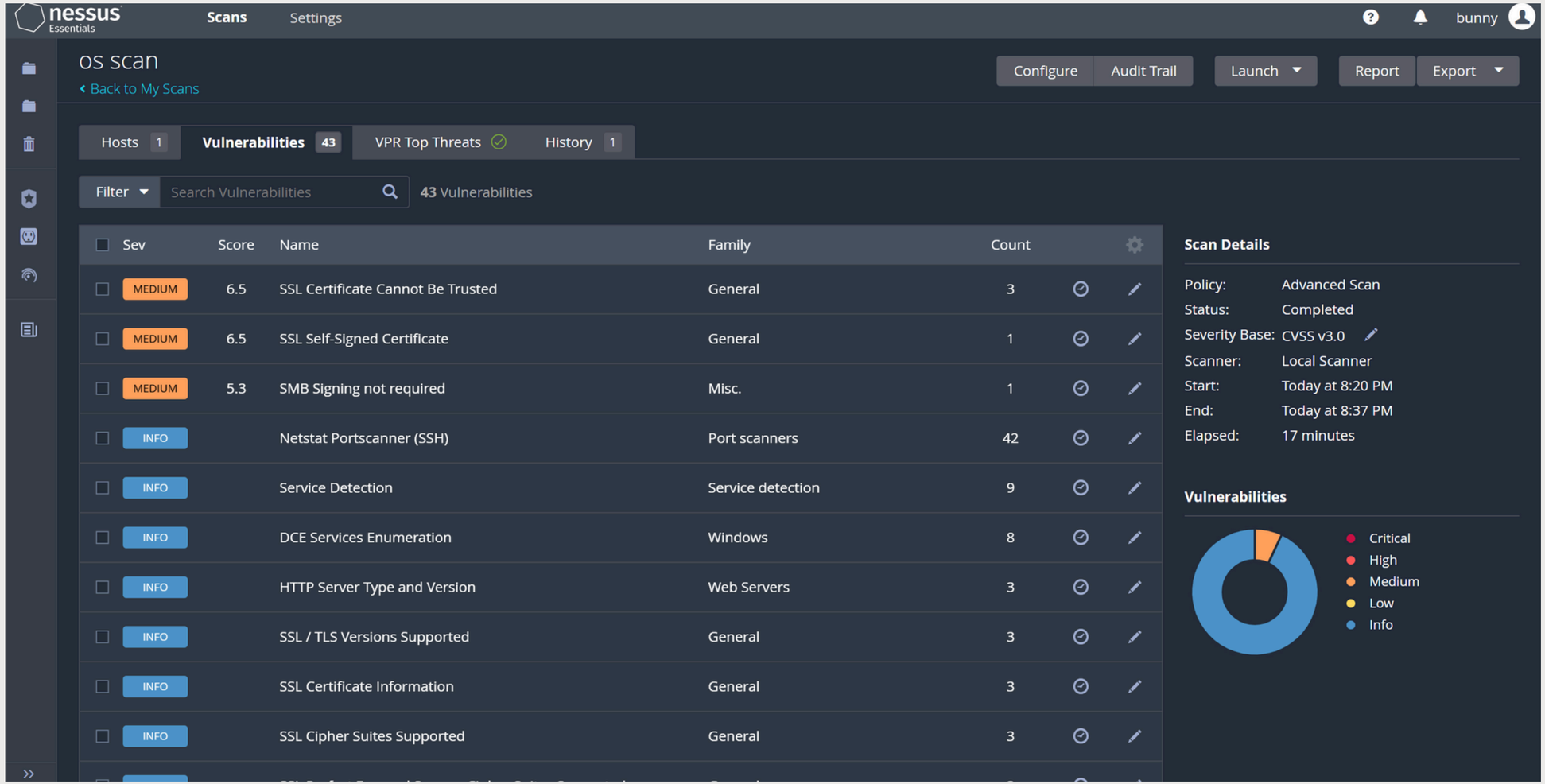


# Lab Work:

## Vulnerability Scanning using OpenVAS

# Lab Work:

## Vulnerability Scanning Using Nessus:



# Project Links:

- **Password Cracking Using John The Ripper**
  https://github.com/JAGANNADH18/Password-Cracking-Project
- **Phishing Email Analysis**
  https://github.com/JAGANNADH18/3-Days-Phishing-Analysis-Challenge
- **Vulnerability Scanning using Tenable Nessus**
  https://github.com/JAGANNADH18/Project-on-Nessus

# Achievements:

- Successfully covered the fundamentals of Cybersecurity, Ethical Hacking, and Vulnerability Management, completing all module assessments with strong technical understanding.
- Recognized for consistent performance in lab simulations and practical exercises, demonstrating strong analytical and troubleshooting skills.
- Participated in realistic, case-based cybersecurity simulations, strengthening capabilities in incident handling, reporting, and threat response documentation.

# Contact Information: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- Github: https://github.com/JAGANNADH18
- Portfolio: https://jagannadh18.github.io/Portfolio/

# Thank You

Crafted by
Puri Jagannadh