

Priyanka Rao

Network Exploitation Analyst

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Summary

Network exploitation analyst with 5 years in network security, from SOC triage to offensive SIGINT analysis. Performs vulnerability analysis and penetration testing, reverses malware with assembly and Python, and builds network mapping from protocol data. Strong computer forensics background and clear written reporting for mission leads. Active TS/SCI clearance.

Experience

04/2023 - Present
San Antonio, TX

Network Exploitation Analyst

Alamo Cyber Mission Partners

Contractor supporting cyberspace operations and SIGINT analysis missions.

- Conduct vulnerability analysis on foreign network devices, documenting **22** exploitable weaknesses for operators.
- Build network mapping of target environments from routing, DNS and protocol data across 5 regions.
- Perform malware analysis in assembly and Python, producing 30 technical reports on tools and command channels.
- Deliver SIGINT analysis to mission leads, supporting 12 operations with timely, sourced findings.

06/2021 - 03/2023
San Antonio, TX

Cyber Security Analyst

Riverwalk Health Network

Regional hospital system with 9 hospitals and 14,000 staff.

- Triage 80 security alerts a day in the SIEM, escalating 40 confirmed incidents in 2 years.
- Performed computer forensics on 25 compromised endpoints, tracing initial access for each case.
- Led quarterly internal penetration testing, closing 60% of high-risk findings within 30 days.
- Wrote Python scripts that enriched alerts with threat feeds, saving 6 analyst hours a week.

05/2020 - 08/2020
San Antonio, TX

Security Operations Intern

Mission City Data Centers

Colocation provider with 3 data centers.

- Scanned 400 hosts weekly for vulnerabilities and tracked each fix with the system owners.
- Reviewed firewall rules for 12 customer cages and flagged 35 unused openings for removal.
- Drafted an incident response checklist that the night shift adopted for after-hours alerts.

Skills

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|--------------------------|----------------------|---------------------|
| • Network Security | • Computer Forensics | • Protocol Analysis |
| • Vulnerability Analysis | • Network Mapping | • SIGINT Analysis |
| • Penetration Testing | • Python | |
| • Malware Analysis | • Assembly | |

Education

05/2021
San Antonio, TX

Bachelor of Science

The University of Texas at San Antonio
Computer Science

Certificates

04/2023

Active TS/SCI Clearance

U.S. Department of Defense

11/2022

Offensive Security Certified Professional (OSCP)

OffSec

06/2024

GIAC Certified Forensic Analyst (GCFA)

GIAC