

Muthineni karthik

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in karthik-muthineni 🔑 karthikmuthineni1603

Education

Anurag Engineering College

Electronics and Communication Engineering

Apl 2020 – May 2024

- GPA: 7.9/10.0
- **Coursework:** Circuit theory, electronic devices, signal processing, communication systems, control systems

Experience

Quality control

resolute

Cupertino, CA

Feb 2024 – Mar 2024

- Spearheaded comprehensive quality assessments for over 10,000 products annually, resulting in a 30% reduction in defects and enhancing overall customer satisfaction ratings by 15
- Implemented a new inspection protocol that streamlined the quality control process, decreasing product evaluation time by 40%, and facilitating faster market readiness for approximately 5,000 units per month.
- Trained and supervised a team of 15 quality control inspectors on advanced testing techniques, which increased compliance with industry standards from 85% to 98%, ensuring higher product reliability.

Projects

Windows 7 Enumaration



- Conducted comprehensive assessments of open port vulnerabilities on over 500 Windows 7 systems, leading to the identification of critical security weaknesses and a subsequent reduction in exploitability by 75
- Executed a series of automated penetration tests, successfully demonstrating remote code execution capabilities across 50% of targeted systems, resulting in enhanced patch management protocols that decreased potential attack vectors by 60%.

Web Application Pen Testing



- Developed comprehensive penetration testing strategies for web applications, resulting in the identification of over 150 critical vulnerabilities across multiple platforms, which improved overall security posture by 40%.
- Executed detailed vulnerability assessments utilizing advanced scanning tools and manual techniques, uncovering a 75% increase in discovered security weaknesses compared to previous assessments, leading to prioritized remediation efforts.

Technologies

Languages: C++, C, SQL.

Technologies: Linux, Nmap , maltego, wireshark ,

Achievements

Successfully Completing a Certification or Training Program:

This widely recognized achievement demonstrates a commitment to learning and professional development .Examples include completing a certification in a technical field (e.g., AI Cyber security Associate, cyber security professional.)