CV Akhilesh Paladugu **Contact: +91-9494483974**
Security Consultant **Email: akhileshpaladugu@gmail.com**

Professional Summary

- ⇒ Over all 5+ years of professional IT Experience in Application Security Testing particularly focused on performing technical activities such as Vulnerability Assessment, Penetration testing, Secure Application Testing based on OWASP & SANS.
- ⇒ Hands on Experience on Security testing Areas like Web Application Penetration Testing, SAST and Network Vulnerability Assessment.
- ⇒ Working knowledge on Manual and Automation security testing tools.
- ⇒ Proficient in understanding application-level vulnerabilities like XSS, SQL Injection, authentication bypass, weak cryptography, Session Management, etc.
- ⇒ Hands on Experience with tools like IBM App scan, Nessus & Burp Suite, OWASP ZAP.
- ⇒ Performed the Source code review using Checkmarx and followed up with the Application Team to remediate the vulnerabilities.
- ⇒ Good knowledge in programming and scripting in Python
- ⇒ Experience in preparing executive reports for every assessment. Also involved in meeting calls with respective clients.
- ⇒ Conducting Penetration Test Report Demonstration to the Respective Dev Teams
- ⇒ Calculating CVSS Scores of the Vulnerabilities, which were identified during Pen-Testing.
- ⇒ Good Knowledge on Android Mobile Application Penetration testing.
- ⇒ Experience in effective report generation by eliminating the false positives. Producing professional grade reports for various levels of audience including both technical and non-technical parties.

Work Experience

Organization	Designation	Duration
PWC private Ltd	Security Consultant	May 2023 – Till date

Technical Exposure

Technical Skills:	
Work Area	Web Application Penetration testing, SAST, Network Vulnerability Assessment, DAST, mobile pentest,
Standards & Framework	OWASP, SANS
Application Scanners	IBM Appscan,Checkmarx, Burpsuit, Postman, Soap UI pro, W3af,Nikto
Network Security Tools	Nessus, Nmap, Netcat, SSLyze
Proxies/Sniffers/Tools	Burp Suite, OWASP ZAP, Wire shark
Databases	Oracle, MS SQL, MYSQL
Penetration Testing Specific	Kali Linux, Metasploite

Languages	Python, SQL, JavaScript, Html

Education

⇒ B. Tech (ECE) from Jawaharlal Nehru Technological University, Kakinada

Key Projects Involved

Project: 2	
Client	Tata Sky
Role	Security Consultant
Organization	GT India
Duration	JAN'2022 – MAR'2023

Contribution

- Manually walkthrough the application to understand the application functionality.
- Test The Application Thoroughly in all areas (Authentication, Session Management, Authorization, Input Validation,) and observe the Findings.
- Conducting Security Assessment test cases related to Authentication and Authorization, input validation, Session management, File upload/Inclusion, Browser related Issues like Browser Refresh Back Attack.
- Execute and craft different payloads to attack the system for finding vulnerabilities with respect to input validation, authentication checks, etc.
- Identifying the Critical, High, Medium, Low level vulnerabilities in the Applications based on OWASP Standards and prioritizing them based on their CVSS Scores.
- Experience in preparing executive reports for every assessment and also conduct closing meeting calls with respective clients.
- Worked with different application teams to help them understand the vulnerabilities listed and provide recommendations to fix the same with respect to OWASP standards.
- Providing description with comments to Development team for better understanding of Vulnerabilities.
- Assisting customer in understanding risk and threat level associated with vulnerability so that customer may or may not accept risk with respect to business criticality.
- Identification of different vulnerabilities of applications by using proxies like Burp suite to validate the server-side validations.
- Proficient in understanding application-level vulnerabilities like SQL Injection, Authentication bypass, Weak Cryptography, Authentication flaws.
- Execute and craft different payloads to attack the system for finding vulnerabilities with respect to input validation, authorization checks, etc.

Project: 1	
Client	Canara Bank
Role	Security Consultant
Organization	Hcl
Duration	Jan’2019 – Dec’2022

Contribution

- Vulnerability Assessments using IBM Appscan to Identify System Vulnerabilities and develop remediation plans and Security Procedures.
- Conducted Vulnerability Assessments for multiple clients (Banking, Healthcare, HRMS etc.) to evaluate attack vectors, Identify System Vulnerabilities and develop remediation plans and Security Procedures
- Performed Checkmarx (Code analysis tool for web apps) for Static application security testing.
- Reviewed source code (Java/J2EE/Spring/.NET/Python) and developed security filters within Checkmarx for critical applications.
- Perform Manual assessment for the results from the Appscan to eliminate false positives using Burp Suite.
- Identification of different vulnerabilities of applications by using proxies like Burp suite to validate the server-side validations.
- Proficient in understanding application-level vulnerabilities like SQL Injection, Authentication bypass, Weak Cryptography, Authentication flaws.
- Execute and Craft different payloads to attack the system for finding vulnerabilities with respect to input validation, authorization checks, etc.
- Identifying the critical, High, Medium, Low vulnerabilities in the applications based on OWASP Top 10 and prioritizing them based on the criticality.
- Experience in preparing executive reports for every assessment and conduct closing meeting calls with respective clients.
- Worked with different application teams to help them understand the vulnerabilities listed and provide recommendations to fix the same with respect to OWASP standards.
- Assisting customer in understanding risk and threat level associated with vulnerability so that customer may or may not accept risk with respect to business criticality.

Certification:-

- Certified Ethical Hacker (CEH v 9)
- Offensive Security Certified Professional (OSCP)