

Arvin Jangid

Penetration Tester | Security Architect | AI Security

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Portfolio [🔗](#) | Github [🔗](#) | LinkedIn [🔗](#) | Medium [🔗](#)

PERSONAL SUMMARY

Certified Senior Offensive Security Consultant with 6+ years of expertise in penetration testing, security architecture, and AI security. Proven ability to identify, exploit, and remediate critical vulnerabilities across web, mobile, API, cloud, and AI-driven environments. Successfully led 300+ penetration testing engagements and spearheaded minimum baseline security standards adopted by Google, Meta, and Microsoft integrations. Combines deep offensive security expertise with Threat Modeling (TM), Zero Trust Architecture (ZTA), and AI/ML security assessments to deliver end-to-end security outcomes.

SKILLS

- Penetration testing: infrastructure, web, mobile application penetration testing (Android and iOS), API, cloud (AWS, Azure, GCP), thick client
- Security Architecture: Threat Modelling (STRIDE/PASTA), Zero Trust architecture, Security by design, SDLC Integration
- AI Security: LLM Threat Modelling, Prompt Injection, AI/ML Model Security, OWASP LLM Top 10
- Code & Configuration Review: Secure Code Review, SAST, DAST, Vulnerability assessment, Configuration hardening.
- Tools and frameworks: Burp Suite, Metasploit, Wireshark, Nmap, Sqlmap, Nessus, MobSF, ZAP, Frida, Postman, nuclei and Docker
- Programming/Scripting: Java, Bash, Batch, Python
- Security Standards: OWASP Top 10, OWASP LLM Top 10, MASVS, CIS Benchmarks, SOC 2, NIST, PCI DSS.

EMPLOYMENT HISTORY

Senior Consultant - Offensive Security | Netsentries Technologies | November 2023 – December 2025

- **Challenge:** Led penetration testing engagements for clients while also onboarding and developing a team of junior consultants.
- **Action:** Mentored junior consultants on advanced security techniques while performing over 100 penetration tests across web, mobile, API, and cloud environments.

- **Result:** Successfully delivered detailed vulnerability reports that strengthened client security postures and fostered a skilled, efficient team, which improved overall project quality and delivery.

Consultant - Offensive Security | Netsentries Technologies | December 2022 – November 2023

- **Challenge:** Uncovered hidden vulnerabilities in enterprise systems and streamlined internal processes.
- **Action:** Executed penetration testing for enterprise applications, cloud platforms, and corporate infrastructure, while designing custom attack scenarios.
- **Result:** Uncovered critical vulnerabilities that reduced client risk exposure by 40% and contributed to building internal playbooks that streamlined assessment processes.

Associate Consultant - Offensive security | Netsentries technologies | July 2021-December 2022

- **Challenge:** Improved the efficiency of pentesting engagements and strengthened client defenses.
- **Action:** Conducted infrastructure, web, and mobile pentesting engagements and automated penetration testing tasks.
- **Result:** Reduced manual effort by 30% and partnered with clients to validate remediation efforts and strengthen defenses.

Information Security Analyst | Crystal-IT soft | November 2019-June 2021

- **Challenge:** Protected systems, networks, and applications from potential threats.
- **Action:** Defended systems and networks against potential threats by utilizing OWASP and CIS standards.
- **Result:** Produced comprehensive vulnerability reports with actionable recommendations and implemented proactive defense measures, which assisted in reducing incidents by 25%.

EDUCATION

Bachelor of Technology | Shri Vaishnav Vidhyapeeth Vishwavidyalaya | January 2020

ACHIEVEMENTS

- Spearheaded the development of minimum baseline security standards for ADA MASA Testing, which have been adopted for evaluations of Google, META, and Microsoft integrations.
- Achieved 2nd place in a State-Level Coding Championship, outperforming over 300 participants.

CERTIFICATIONS

- Offensive Security Certified Professional (OSCP) [🔗](#) | Feb 2021
- eLearnSecurity Mobile Application Penetration Tester (eMAPT) [🔗](#) | Aug 2022
- eLearnSecurity Web Application Penetration Tester eXtreme (eWPTX) [🔗](#) | Oct 2022
- Irius Risk – Threat Modeling foundation (IR-TMF) [🔗](#) | Feb 2026
- Certified Artificial Intelligence Security & Risk (CAISR) [🔗](#) | April 2026

PROJECTS

- **TrustDrop** [🔗](#): One-click Android utility to inject certificates into the system trust store, optimized for KernelSU/Magisk.
- **LSPosed Detector** [🔗](#): Root module that detects all **LSPosed** injection traces on your Android device.
- **MythDetector** [🔗](#): Lightweight Android app to detect Frida instrumentation in applications
- **Androit** [🔗](#): Automated tool to set up Android pentesting environment (MASVS-compliant).
- **Privesc** [🔗](#): Script for enumerating Linux privilege escalation vectors.