

HEM PRASAD

Security Engineer | Product Security | CISA

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LinkedIn | Portfolio

PROFESSIONAL SUMMARY

- Security Engineer with **3+ years of hands-on experience** in application security, container/Kubernetes security, vulnerability management, and compliance.
- End-to-end owner of product security for enterprise and fintech platforms used by banking clients.
- experience in **ISO 27001, SOC 2 Type II, GDPR** activities across the organization and audit readiness..

CORE SKILLS

- Application & API Security:** OWASP Top 10, XSS, SQLi, CSRF, CORS, authentication/session flaws, business logic testing
- DevSecOps & Container Security:** SAST (SonarQube, Semgrep), secrets scanning (Gitleaks), Docker hardening, Trivy, Kubescape, CIS benchmarks
- Vulnerability Management:** CVE/CVSS-based triage, remediation, retesting, exception handling
- OS & Network Security:** Linux hardening, Nessus scanning, firewall rules, VPNs
- Compliance & GRC:** ISO 27001, SOC 2 Type II, GDPR, SBOM generation, audit evidence and client reviews

WORK EXPERIENCE

- Security Engineer — VuNet Systems** Sep 2024 – Present
- Single point of ownership for **product security**, leading security assessments, remediation planning, and client reporting end-to-end.
 - Led organization-wide **ISO 27001, SOC 2 Type II, and GDPR audits and compliance**, owning audit readiness and evidence collection.
 - Supported **large banking and payment institutions across India and the EU** by leading product security assessments, remediation planning, and compliance responses.
 - Acted as the **primary security and compliance point of contact for clients**, handling security questionnaires and audit queries.
 - Conducted security assessments across **web applications, APIs, containers, Kubernetes, and Networks**.
 - Planned and executed **vulnerability remediation cycles** using CVSS-based prioritization and fix validation.
 - Reduced the vulnerability backlog by **40%** through structured prioritization and sprint-aligned remediation.

- Security Analyst — Adiroha Solutions** Apr 2023 – Sep 2024
- Conducted web, API, and network penetration testing using Burp Suite, OWASP ZAP, and Nmap.
 - Identified vulnerabilities including XSS, SQLi, CSRF, authentication flaws, and TLS issues.
 - Validated fixes using CWE, CVSS, and CVE mapping.

TOOLS & TECHNOLOGIES

- Burp Suite Pro, OWASP ZAP, Nmap, Nessus, Metasploit, Kali Linux
- SonarQube, Semgrep, Trivy, Kubescape, Gitleaks, Syft, Nikto
- GitHub Actions, Wireshark, Netcat, Postman, Dockle, SQL Map

EDUCATION

- Bachelor of Technology – Mechanical Engineering**, MITS

CERTIFICATIONS

- CISA – Certified Information Systems Auditor (ISACA)**