Praveen Kumar P

Chennai, Tamilnadu, India

+91-7358413761 | praveenkumar.pradeep@outlook.com | https://profon3.netlify.app

Summary

Security Engineer with around 2 years of experience in penetration testing, vulnerability management, and AI/LLM security. Skilled in securing web, mobile, cloud, and network systems in compliance with SOC 2, GDPR, and ISO 27001 frameworks. Demonstrated ability to identify and remediate critical vulnerabilities, deliver actionable insights, and collaborate with technical and non-technical stakeholders.

Experience

AVASOFT - Software Engineer, Cybersecurity (Chennai)

July 2023 - May 2025

- Performed penetration testing on 30+ web and mobile applications, identifying and remediating over 100 vulnerabilities.
- Conducted reconnaissance and risk analysis for client infrastructure, including cloud and network environments.
- Delivered detailed security reports and walkthroughs; independently led client discussions and remediation support.
- Supported SOC2 audit evidence collection and collaborated with GRC and development teams.
- Developed secure coding guidance and led security reviews of AI/ML products and pipelines.
- Defined incident response playbooks and digital forensics workflows.
- Mentored trainees and helped develop internal tooling for penetration testing workflow automation.

Skills

- **Penetration Testing**: Web and mobile app security testing, network and cloud assessments, vulnerability analysis.
- **Security Tools:** Burp Suite, SQLMap, Nmap, Nessus, Nexpose, Frida, MobSF, Metasploit, Objection.
- **Programming & Scripting:** Python (Flask), Bash, Java, SQL.
- **Operating Systems:** Windows, Linux.
- **Security Frameworks:** SOC2, ISO 27001, GDPR, OWASP Top 10, CIS Benchmarks.
- **Soft Skills:** Strong written and verbal communication, client collaboration, and mentoring.

Security Highlights

- **Alyssia - Android Application Static Analysis Tool**

Created a Bash-based tool that automates static analysis of Android APKs. Alyssia assists security engineers in identifying misconfigurations and common vulnerabilities efficiently.

- **Penetration Testing for US based Storage Management Platform**

Executed comprehensive penetration testing on three core enterprise applications, disclosing 20+ high-impact bugs. Findings earned client appreciation for depth and clarity.

- **Application Security & Infrastructure Hardening for US based Rental and Tenant Management Platform**

Reviewed source code, cloud configurations, and access controls to identify privilege misuses and security loopholes across a production system. Collaborated with developers to address risks.

Education

Bachelor of Technology in Information Technology

Meenakshi Sundararajan Engineering College, Chennai

Aug 2019 - May 2023 **(CGPA: 8.3)**

Higher Secondary Certificate (HSC)

St. Vincent Pallotti Matriculation Hr. Sec. School, Chennai

Jun 2018 - May 2019 **(GPA: 7.86)**

Secondary School Leaving Certificate (SSLC)

St. Vincent Pallotti Matriculation Hr. Sec. School, Chennai

Jun 2016 - May 2017 **(GPA: 9.48)**