

Shubham Ranpise

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Profile

With OSCP and eJPT certifications. As a Cybersecurity Analyst at KPMG, I performed penetration testing, network security, and API/mobile application assessments, also managed firewall access reviews and implemented comprehensive security controls to safeguard critical systems.

Education

Savitribai Phule Pune University

2021 – 2024

Bachelor of Business Administration - Computer Application [BBA-CA]

GPA 8.55

Experience

KPMG

2024/09 – present

Cyber Security Analyst

Mumbai (On-Site)

- Conducted **internal and external network penetration tests** for a **BFSI** client, targeting live infrastructure to identify exposed services, weak configurations, and privilege escalation paths across corporate environments.
- Performed 20+ **web application penetration testing**, identifying OWASP Top 10 vulnerabilities including IDOR, XSS, authentication flaws, and insecure session handling across high-value applications.
- Executed 100+ **API security testing** across RESTful and SOAP endpoints, uncovering broken object-level authorization, improper input validation, token misconfigurations, and access control issues.
- Performed static analysis of **Android applications** using tools like **MobSF** and **JADX** to identify hardcoded secrets, insecure storage, and misconfigured components during **mobile security assessments**.
- Delivered detailed **technical reports with business-aligned remediation**, working directly with developers and infra teams to implement secure configurations and retest resolved issues. Additionally, supported the delivery of 6+ **internal security training sessions**.

SecureLayer 7

2024/06 – 2024/08

Security Consultant Intern

Pune(Remote)

- Performed security assessments on web applications, identifying and reporting vulnerabilities with actionable remediation steps.
- Provided detailed reports with remediation recommendations to improve the security posture of the applications.

Certifications

OSCP — (Offensive Security Certified Professional) 🔗 | Credential ID 92620888 | January 2024

eJPT — (eLearnSecurity Junior Penetration Tester) 🔗 | Credential ID 79634453 | October 2022

Skills

Penetration Testing Expertise

Deep experience in internal and external network assessments, leveraging TCP/IP and OSI knowledge to identify misconfigurations and vulnerable services. In Kali Linux, I use tools such as Nmap, ffuf, WPScan, DNSRecon, and Metasploit—following the Cyber Kill Chain—from reconnaissance through post-exploit validation with custom Python and Bash scripts.

Windows & Active Directory Exploitation

Proficient in Windows privilege escalation and AD attacks. I perform Pass-the-Hash, Kerberoasting, AS-REP Roasting, and credential dumping with Mimikatz, map domains with BloodHound/SharpHound, and leverage CrackMapExec, Empire, and Covenant for lateral movement and persistence.

Web Application & API Security

Skilled in uncovering OWASP Top 10 flaws such as IDOR, XSS, SQLi, auth bypass—and business-logic errors using tools such as Burp Suite, Gobuster, and Nessus. For API testing, I craft and fuzz requests in Postman and soapUI, detecting broken authorization, rate-limit bypasses, and improper input validation, then translate findings into precise remediation guidance.

Mobile Application Penetration Testing

Understanding of security assessments on Android applications using tools like Frida, MobSF, and Burp Suite to identify issues such as insecure storage, hardcoded secrets, API flaws, and bypassed root detection and certificate pinning for dynamic analysis.

Projects

Home Lab

- In my home lab, explored Large Language Models (LLMs) and agentic AI frameworks to automate tasks and prototype cybersecurity tools; also built educational projects using NodeMCU, such as Wi-Fi deauthers and jammers, for hands-on experimentation.
- Solved over 220+ CTF challenges across platforms such as TryHackMe, Hack The Box, VulnHub, PortSwigger, and Offensive Security Proving Grounds