JESUS LOPEZ RODRIGUEZ

PENETRATION TESTER | OSCP | WEB APPLICATION & INFRASTRUCTURE SECURITY

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PROFILE

OSCP-certified security professional with 9 years of commercial software engineering experience and hands-on authorised security testing of production web applications, ERP, e-commerce platforms and REST APIs. Combines offensive security skills (web application and infrastructure penetration testing, vulnerability validation, Active Directory attack paths) with a strong development background, enabling source code review, root-cause analysis and practical remediation of security issues. Experienced with Burp Suite, Nmap, BloodHound, Impacket, Metasploit, Kali Linux and Python/Bash scripting, with an active focus on security research and continuous development - well suited to a Cyber Security Engineer role spanning security testing, vulnerability remediation and secure application engineering.

PROFESSIONAL EXPERIENCE

EyeInversionesOnline - Senior Software Engineer | Application Security & Internal Penetration Testing | 2021 - Present

- Perform authorised internal web application penetration testing and white-box security assessments of the company's ERP, PrestaShop e-commerce applications and REST APIs, covering authentication, access control, business logic and application security weaknesses.
- Manually validate vulnerabilities through controlled offensive testing and source code review; analyse technical impact and root cause and produce clear findings with practical remediation advice.
- Collaborate with engineering on vulnerability remediation, implement fixes where appropriate and perform security retesting to verify effective resolution.
- Assess authentication flows, API integrations and security-sensitive application functionality while developing and maintaining production systems using PHP, JavaScript/TypeScript, SQL and Linux.

II-Fulfilment - Full Stack Software Engineer | 2019 - 2021

- Developed enterprise web applications using Laravel and Angular/TypeScript, including an employee access-control system and REST integrations.
- Built and reviewed production backend/frontend functionality across application architecture, authentication-sensitive features and relational databases.

Altoservicios - Backend Developer | 2018 - 2019

- Developed business web applications, REST functionality and SQL-backed backend services using CodeIgniter and JavaScript.

OFFENSIVE SECURITY PROJECTS & RESEARCH

JPRHack - Cybersecurity Research & Penetration Testing Blog | jprhack.net

- Publish technical security research and practical write-ups covering web application testing, Active Directory, network enumeration, privilege escalation, vulnerability analysis, exploitation methodology and remediation.

LFI Force - Security Testing Automation Tool | Bash | Linux | Web Security

- Developed Bash tooling to automate Local File Inclusion testing workflows during authorised web security assessments, improving repeatability and testing efficiency.

CERTIFICATIONS

OSCP - Offensive Security Certified Professional | eCPPTv2 - Certified Professional Penetration Tester | eJPTv2 - Junior Penetration Tester

TECHNICAL SKILLS

Security Testing: Web Application Penetration Testing, Infrastructure Security Testing, API Security Testing, Manual Vulnerability Exploitation, White-Box Testing, Code-Assisted Testing, Vulnerability Assessment & Validation, Authentication Testing, Access Control Testing, Business Logic Testing, Active Directory, Privilege Escalation, Network Enumeration, OWASP Top 10

Reporting & Remediation: Technical Security Reporting, Vulnerability Findings, Remediation Advice, Root-Cause Analysis, Vulnerability Remediation, Security Retesting, Technical Communication, Penetration Testing Methodologies

Tools & Scripting: Burp Suite, Nmap, BloodHound, Impacket, Metasploit, Kali Linux, Python, Bash, Security Automation

Systems & Development: Linux, Windows, Active Directory, PHP, JavaScript, TypeScript, SQL, REST APIs, PrestaShop, Angular, Laravel, Source Code Review, Application Architecture

LANGUAGES

Spanish: Native | English: Professional Working Proficiency