

David Rodríguez Ramírez

 linkedin |  gemsy.es |  drscout.es |  portfolio |  github |  HackTheBox

 davidrodriguezscout@gmail.com |  +34 645 457 266

PROFESSIONAL SUMMARY

Junior IT & Security-oriented professional with strong hands-on experience in troubleshooting, technical support, and offensive security fundamentals. Background in customer-facing technical roles combined with practical cybersecurity training, web application testing, and lab-based offensive practice. Motivated to grow from IT Support into Application Security or Web Pentesting through real system exposure and continuous technical learning.

IT & CUSTOMER SUPPORT EXPERIENCE

IT Support & Customer Operations — Energy Sector

2025 – Present

- Technical support and issue resolution for customers, diagnosing service-related problems and identifying root causes.
- Handling incidents and customer requests, ensuring continuity of service and accurate resolution.
- Analysis of customer service configurations and usage patterns to provide optimized solutions.
- Documentation of recurring issues and escalation of complex cases to specialized teams.
- Strong focus on communication, troubleshooting, and translating technical concepts into clear explanations.

WEB APPLICATION SECURITY EXPERIENCE

- Manual enumeration of web applications: parameters, hidden endpoints, access control behavior, and application states.
- Identification and exploitation of common web vulnerabilities including XSS (reflected, stored, contextual) and IDOR.
- Analysis of business logic flaws by understanding workflows, edge cases, and user roles.
- Manual testing using Burp Suite (Proxy, Repeater, Intruder with custom payloads).
- JavaScript analysis to identify client-side logic weaknesses and undocumented API endpoints.

OFFENSIVE SECURITY BACKGROUND

- Active Directory fundamentals: LDAP enumeration, Kerberos abuse basics, SPN enumeration, ACL analysis.
- MSSQL exploitation techniques and privilege escalation.
- Linux and Windows privilege escalation fundamentals.
- Network pivoting and internal access using Ligolo-ng.
- Manual exploitation and troubleshooting without reliance on automated frameworks.

PRACTICAL TRAINING — HACKTHEBOX

Hands-on offensive training focused on enumeration, manual exploitation, and understanding system behavior before escalation.

Selected Machines Solved: Gavel · MonitorsFour · Editor · Eighteen · Previous · DarkZero · HackNet · Giveback · Outbound

Key Areas Practiced:

- Web enumeration and initial access vectors.
- Manual exploitation and attack path reconstruction.
- Privilege escalation and lateral movement when required.
- Troubleshooting failed exploits and adapting attack strategies.

TECHNICAL PROJECTS

Active Directory Offensive Homelab [GitHub](#)

Designed and deployed an isolated Active Directory lab to practice realistic enumeration, authentication analysis, and misconfiguration abuse, strengthening understanding of enterprise environments.

gemsy.es — Full-Stack Web Platform [gemsy.es](#)

End-to-end development of a web platform, providing deep insight into application logic, authentication flows, input validation, and common developer security mistakes relevant to web security testing.

drscout.es — Web Platform & Optimization [drscout.es](#)

Design, deployment, and optimization of a web platform, improving understanding of performance, deployment risks, and security considerations in production environments.

TECHNICAL SKILLS

IT & Support	Troubleshooting, incident handling, customer support, documentation, escalation workflows.
Web Security	XSS, IDOR, business logic flaws, manual enumeration, authentication and authorization analysis.
Offensive Security	Active Directory basics, Kerberos abuse fundamentals, privilege escalation, pivoting.
Tools	Burp Suite, ffuf, Nmap, Ligolo-ng, Impacket, Evil-WinRM, Python scripting.
Development	Python, REST APIs, automation, backend logic understanding.
Cloud	Google Cloud fundamentals, deployment awareness, IAM basics.

EDUCATION

- 2025 Cybersecurity in the Enterprise — CVFM (Murcia)
- 2021 High School Diploma — IES Los Boliches

LANGUAGES

Spanish	Native
English	Advanced
French	Intermediate
Catalan	Basic