ENRICO DOLCE

SENIOR SECURITY SPECIALIST · RED TEAM OPERATOR · PENETRATION TESTER

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Cybersecurity professional with 5 years of experience, currently a member of an offensive security team. I specialize in red teaming and advanced attack simulations to strengthen enterprise resilience, with a solid background in cybersecurity governance: security and maturity assessments based on the main frameworks, and strategic guidance to define and implement remediation plans.

EXPERIENCE

Senior Security Specialist — Detect & Respond — Deloitte Jun 2026 – Present

- Supervise and coordinate offensive security activities, leading a team of 7+ penetration testers.
- Manage client relations and communication across offensive security engagements.
- Review reporting and present findings to stakeholders.
- Conduct Adversary Simulation engagements.

Security Specialist — Detect & Respond — Deloitte Jun 2024 – Jun 2026

- Adversary Simulation: red team engagements simulating ransomware attacks and service disruption, following MITRE ATT&CK TTPs, with detection evasion, custom shell implementations and C2 architectures.
- Web Application PT with Burp Suite Professional following OWASP WSTG.
- Infrastructure PT with Nmap, Nessus Professional, BloodHound and manual testing.
- IoT PT with Wireshark, Nmap and specialized tooling.
- DAST with Burp Suite Enterprise and Vulnerability Assessments with Nessus Professional, including detailed remediation reports.
- Attack Surface Analysis through OSINT and public data breach research.
- Phishing campaigns with targeted templates, specialized tooling and campaign statistics.

Security Consultant — Application Security — Deloitte Dec 2022 – Jun 2024

- DevSecOps assessments based on OWASP DSOMM and definition of improvement roadmaps.
- Cyber security risk assessments in ICT and corporate environments.
- Security baselines and roadmaps based on OWASP DSOMM, ISO 27001 and NIST SP 800-53.

Security Analyst — Application Security — Deloitte Jul 2021 – Dec 2022

- Supported the cyber security due diligence of a software house.
- Data flow security and compliance analysis on SAP SuccessFactors.
- PMO support on cybersecurity topics.

Software Developer — Internship — Startit s.r.l. Jun 2016 – Sep 2016

- Developed Android applications in Java for highway traffic management and a CAF service portal.

SKILLS

GOVERNANCE	DevSecOps & Risk Assessment, Security Governance
PENETRATION TESTING	Infrastructure & AD Pentest, Web App Pentest, DAST & Vulnerability Assessment, IoT Pentest
RECON	OSINT & Attack Surface, Phishing Campaigns
RED TEAM	Adversary Simulation, C2 & Custom Implants, Detection Evasion
RESEARCH	Malware Dev & ML Detection

CERTIFICATIONS

Certified Professional Penetration Tester — INE Security, Aug 2025 – Aug 2028
Credential ID 158693304

Certified Application Security Engineer — Java — EC-Council, Dec 2023 – Dec 2026
Credential ID ECC0347615928

AWS Certified Cloud Practitioner — Amazon Web Services, Sep 2022 – Sep 2025 (expired)

Junior Penetration Tester — INE Security, Aug 2024 – Aug 2027
Credential ID 112879027

Google Cloud Digital Leader — Google Cloud, Jan 2023 – Jan 2026 (expired)
Credential ID 66618470

EDUCATION

1st Level Master in Cyber Security — University of Pisa (UniPi) (Feb 2025 — Apr 2026)
Thesis: Training a Convolutional Neural Network for malware detection through automated static analysis of opcodes.

Specialized Course in Cyber Security — Cefriel — Politecnico di Milano (Sep 2021 — Jul 2022)

Bachelor's Degree in Computer Science — University of Florence (UniFi) (Sep 2017 — Apr 2021)
Thesis: A template-based approach to Stochastic Activity Networks to evaluate the reliability and fault tolerance of complex systems.

LANGUAGES

Italian (native) · English (proficient, spoken and written)