

# Onurcan Genc

Application Security Engineer  
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Portfolio — LinkedIn — GitHub — Medium

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## Profile

Application security professional with 11+ months of hands-on experience in penetration testing, vulnerability research, AI red teaming, and security automation. Published **6 CVEs** (incl. CVSS 10.0 Critical) via USOM and MITRE. Proficient in **PHP, Elastic Stack (ELK), Python, and Burp Suite**. Skilled in secure code review, threat modeling, and SDLC security integration following **OWASP Top 10** and **MITRE ATT&CK**.

## Experience

**Cybersecurity Intern, Deloitte CyberOps** *Remote, Nov 2025 — Feb 2026*

- Reviewed and validated **20+ penetration testing reports** against **MITRE ATT&CK** and **CVSS** frameworks.
- Refined report structure, severity scoring, and client-facing language; reduced revision cycles by standardizing templates.

**Penetration Tester, Bilishim Cyber Security and Artificial Intelligence Ltd** *Hybrid, Jan 2025 — Sep 2025*

- Executed **80+ full/partial-scope engagements** across web, mobile, wireless, and network environments using Burp Suite, Nuclei, FFUF, and Metasploit.
- Discovered and disclosed **6 CVEs** (SQL injection, stored XSS, IDOR, session fixation) via USOM and MITRE.
- Conducted **AI/ML red team assessments**: prompt injection, guardrail bypass, and model abuse testing.
- Developed automation tooling incorporated with **Elasticsearch** and Telegram for real-time vulnerability alerting.

**Penetration Tester (Summer Intern), Bilishim Cyber Security and Artificial Intelligence Ltd** *Remote, Jun 2024 — Jul 2024*

- Completed Burp Suite exploitation labs, HackTheBox CTFs, and PortSwigger Web Security Academy modules.
- Authored **60+ cybersecurity articles** on Medium covering CTF writeups, vulnerability analysis, and offensive techniques.

## Published CVEs

- **CVE-2025-10878** – SQL Authentication Bypass, AdminPando v1.0.1 (CVSS 10.0 Critical)
- **CVE-2025-10228** – Session Fixation, Agentis < v4.44 (CVSS 8.8 High)
- **CVE-2025-60511** – IDOR in Moodle OpenAI Chat Block Plugin
- **CVE-2025-60506** – Stored XSS in Moodle PDF Annotator Plugin
- **CVE-2025-60507** – Reflected & Stored XSS in Moodle GenAI Plugin
- **CVE-2025-57520** – Stored XSS in Decap CMS ( $\leq 3.8.3$ )

## Education

**BASc, Ihsan Doğramacı Bilkent University**

*Ankara, Sep 2022 — Jun 2026*

Information Systems and Technologies. Core: C, C++, PHP, Python, Kotlin, Oracle SQL/PLSQL, Software Design Patterns.

## Skills

- Web/Mobile/API Pentesting, SAST/DAST
- AI/ML Red Teaming, Threat Modeling
- Burp Suite Pro, Metasploit, Nmap
- FFUF, Nuclei, Wireshark, SQLMap
- Python, PHP, Bash, SQL, C/C++
- Laravel, Elastic Stack (ELK), Docker
- OWASP Top 10, MITRE ATT&CK, CVSS
- CI/CD Security (GitHub Actions, Jira)
- English (IELTS 6.5)
- Turkish (Native)

## Certifications

- **eWPTXv3: Web Application Penetration Tester eXtreme** (INE Security)
- **eWPTv2: Web Application Penetration Tester** (INE Security)
- **C-AI/MLPen: Certified AI/ML Penetration Tester**
- **CompTIA Security+ ce** (SY0-701)
- **CCNAv7: Routing, Switching, Wireless Essentials · NSE1 and NSE2**, Fortinet
- **Deloitte CyberOps Bootcamp** – 1st Place CTF (2024)

## Projects

**NucAIScan (2025)** – AI-powered vulnerability scanner combining FFUF, Nuclei, Subfinder, and OpenAI API.

**LeakCTL (2025)** – Dark web leak monitoring bot with **Elasticsearch** integration and automated alerting.

**PromptShot (2025)** – AI red teaming framework for LLM guardrail testing and prompt injection research.

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**Reference:** Ender Yurtseven – Cybersecurity Lead, Bilishim Cybersecurity & AI – ender.yurtseven@bilishim.com.tr