

# Yoswel Badilla Toruño

Penetration Tester - Offensive Security Specialist - Computer Engineering

LinkedIn: <https://www.linkedin.com/in/yoswel> - Portfolio: <https://yossb.dev>

Github: <https://github.com/Yoswell> - Phone: +506 63268754 - Email: [yoswel2003@gmail.com](mailto:yoswel2003@gmail.com)

## Professional Summary

Penetration Tester with enterprise experience at IBM X-Force Red conducting offensive security assessments across web applications, internal networks, and enterprise infrastructure. Skilled in manual and automated penetration testing, adversary simulation, vulnerability assessment, and offensive tooling development using Burp Suite Professional, Metasploit, BloodHound, Kali Linux, Nmap, and custom Java/Python solutions. Strong expertise applying OWASP Testing Guide, NIST methodologies, and secure design principles to identify exploitable vulnerabilities, reduce attack surface, and strengthen resilience.

## Professional Experience

IBM - X-Force Red May 2025 - May 2026

### Offensive Penetration Tester

- ❖ Conducted enterprise-level penetration tests on web applications, internal networks, and IT infrastructure to identify exploitable vulnerabilities and improve security posture.
- ❖ Executed manual and automated offensive security assessments using Burp Suite Professional, Kali Linux, Metasploit, Nmap, and BloodHound across diverse client environments.
- ❖ Designed, developed, and deployed a custom Java-based Burp Suite extension that automated security testing workflows and reduced manual effort during enterprise assessments.
- ❖ Applied OWASP Testing Guide and NIST methodologies to improve testing coverage, vulnerability discovery, and assessment consistency.
- ❖ Produced technical security reports translating vulnerabilities into actionable business risks, remediation priorities, and security improvements.
- ❖ Strengthened enterprise security through attacker-perspective analysis, attack path identification, and exploitability validation.

## Education

University State Distance Sep 2023 - Present  
**Bachelor's Degree in Computer Engineering**

University State Distance Jun 2021 - Sep 2023  
**Diploma in Computer Science**

## Earned Certifications

- ❖ Certified Web Exploitation Specialist (Hack The Box)
- ❖ CompTIA Security+

## Languages

- ❖ English: Professional Working Proficiency (B1)
- ❖ Spanish: Native

## Technical Skills

- ❖ Offensive Tools: Burp Suite Professional, Metasploit, SQLMap, Nmap, BloodHound, Kali Linux

- ❖ Custom Tooling: Java (Burp Extensions), Python, Bash, PowerShell, JavaScript
- ❖ Frameworks: OWASP Testing Guide, NIST, Web Application Security, Vulnerability Assessment
- ❖ Operating Systems: Windows, Linux, MacOS

## Additional Strengths

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- ❖ Problem Solving & Analytical Thinking
- ❖ Cross-Functional Team Collaboration
- ❖ Adaptability & Continuous Learning
- ❖ Accountability & Ownership
- ❖ Skill Development & Technical Communication