

Edgar Huémac Sánchez Hernández

Website:
huemac.onrender.com

Sr. Penetration Tester & Cybersecurity Specialist. Experienced systems architect and programmer for web, desktop, and mobile environments.

Birthdate: May 16th, 1998
México

Education







Computational System's Engineering

Instituto Tecnológico de México, campus Morelia (2020 graduate)

Languages

Spanish: Native
English: Advanced ([TOEFL ITP Certification](#))
French: Advanced ([DELFB2 Certification](#))
Japanese: Beginner

Contact

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 **Medium:** [@edgarhuemac](#)
 [My Credly badges](#)
 **GitHub:** [@EdgarHuemac](#)

Credentials

[Click here](#) to see my complete credentials

- Ethical Hacker (CISCO)
- Certified Associate in Cybersecurity, Fundamentals in Cybersecurity, Zero Trust Access & FortiGate Operator (Fortinet)
- Ethical Hacking & Digital Forensics Essentials (EC-Council)
- ISO/IEC 27001 Information Security Associate (SkillFront)
- Quantum-Safe Cryptography & Cybersecurity Essentials (IBM)
- API Penetration Testing (APISEC University)
- Introduction to Zero Trust (The Linux Foundation)
- Secure Software Development (Net4skills)
- Foundation Level CTI Analyst (arcX)
- Container Security Certified Specialist (Qualys)
- Cybersecurity for Robotics, Automation, and Mechatronics (TRACKS-CN)

Professional Experience



[Click here](#) to see my complete professional experience

Sr. Penetration Tester | Softek

 Apr 23 → Present  CDMX (Remote)

Conducting Pentesting, SAST and DAST engagements internally and for clients. Vulnerability Management & cybersecurity consulting for stakeholders. Ethical Phishing and Security Awareness campaigns. Technical and executive reporting & follow-up on engagements.

Security Consultor | NTT Data

 Mar 25 → Oct 25  Spain (Remote)

Conducting cybersecurity audits for web, API, and mobile applications, and elaborating technical reports on the identified vulnerabilities, and their mitigation techniques.

Red Team Leader | State Finance Ministry

 Apr 22 → Apr 23  Morelia, Mich.

Leading and coordinating red-team and pentesting assessments for this and other Institutions of the State of Michoacán. Security management and mitigation recommendations, implementing S-SDLC processes. Security Policy crafting and Governance audits based on CIS Controls & NIST.

Full Stack programmer | Estudio GEMA

 July 22 → Mar 23  Argentina (remote)



Developing web applications with different tech stacks for clients, and updating & maintaining existing applications. Collaborating internationally with other team members to design software solutions.

Software Developer | ICORP

 Sept 21 → Jan 22  Querétaro (remote)

Full stack programming (React & Elixir) and systems architecture. Developing software based on SCRUM. Design and management of infrastructure in Microsoft Azure and Linux-based microservices. Gathering and abstraction of functional and technical requirements from stakeholders.

Systems Architect | Superior Audit Office

 June 21 → May 22  Morelia, Mich

Systems architecture and implementation of DevOps processes. Networking and security solutions design, maintenance. System administration for Linux and Windows VMs and microservices.

Skillset

[Click here](#) to see my complete skills & tools I use

- Penetration Testing (Ethical Hacking)** based on PTES, ISSAF, NIST 800-115 and OWASP Testing Guide for Linux and Windows environments. Red Teaming & Threat Emulation based on MITRE ATT&CK and Cyber Killchain frameworks.
- Application Security (AppSec) audits** such as SAST, DAST, IAST and SCA. In addition, malware analysis, cyber forensics & social engineering.
- Vulnerability Management** based on the frameworks NIST SP 800-40, ISO/EIC 27002, and best practices from CISA, SANS and NIST.
- Cybersecurity governance & compliance** evaluations for ISO 27001, NIST800, CIS Controls, PCI-DSS and other industry standards.
- Secure Software Development Lifecycle (S-SDLC)** implementation through standards and bestpractices such as NIST 800-218, OWASP SAMM, the BSA Framework for Secure Software, or SecDevOps operations.
- Orchestrates DevSecOps workflows** to operationalize MITRE D3FEND countermeasures and enforce OWASP ASVS/MASVS hardening standards across the infrastructure & applications.

My projects

[Click here](#) to see more projects I've developed

NimRecon

Nim-specific binary analyzer & artifact extractor.
<https://github.com/EdgarHuemac/NimRecon>

pci_leak_scanner

Data leakage detector for PCI DSS compliance.
https://github.com/EdgarHuemac/pci_leak_scanner

cvss_stats_tool

Tool for statistics & analysis on CVSS vectors.
https://github.com/EdgarHuemac/cvss_stats_tool

NetWatch-

Lightweight, non-invasive network monitoring tool.
<https://github.com/EdgarHuemac/NetWatch->