

ERICK IRVIN PADILLA MECARDO

SOFTWARE DEVELOPER

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[Erick Irvin Padilla Mercado](#)

Mexico City

Software developer with 2 years of experience in developing high-performance and scalable web applications. With a strong focus on innovation, I am passionate about creating solutions that meet the needs of businesses in an efficient and effective way.

WORK EXPERIENCE

Full Stack Developer

Nexus Tech/Studio | 2021 - 2022

RESPONSIBILITIES

- Work with web designers to create attractive and functional websites.
- Perform performance and compatibility testing to ensure that websites function correctly on all devices and browsers.
- Experience in teamwork, effective communication and problem solving.

KEY ACCCOMPLISHMENTS

- Increased visitors to clients' websites by 50% by implementing SEO strategies and designing user-friendly interfaces.

Vulnerability analysis audit

Cozcyt (Zacatecano Council of Science, Technology and Innovation) | 2022-2023

RESPONSIBILITIES

- Conducted technical security audits to ensure the absence of vulnerabilities or threats in the Cozcyt network and website.

KEY ACCCOMPLISHMENTS

- Conducted a technical security audit that identified and resolved a vulnerability that allowed an attacker to access Cozcyt users' personal information.
- Implemented an intrusion detection system that has helped to protect Cozcyt from cyberattacks.
- Provided security training to Cozcyt staff.

RELEVANT COURSE

Diploma in Security Technologies and Data Management

Instituto Tecnológico de Zacatecas

EDUCATION

Instituto Tecnológico de Zacatecas

Degree in systems engineering
2018-2023

LANGUAGES

- Native Spanish
- Advanced English

CERTIFICATIONS

Fundamentals in Cybersecurity

Fortinet Certified

Oracle Next Education F2 T5

Front-end Program

Oracle Next Education

SKILLS

- ✓ High-level, low-level, and pillar languages for web design (Java, Python, C#, C++, JavaScript, TypeScript, PHP, HTML, CSS.)
- ✓ Responsive web design (UI, UX).
- ✓ Front End (React, Angular) & Back End (Nodejs, Ruby, NET).
- ✓ Database skills (MySQL, MongoDB).
- ✓ Version control systems (GIT).
- ✓ Cloud Computing Platforms (AWS).
- ✓ Security best practices (SQL Injection, XSS, XAS, CSRF, LFI/RFI, etc...).