

# JOAQUÍN EZEQUIEL SOSA MAKARA

Software Developer | .NET Developer | Backend Developer | IT Support

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## PROFESSIONAL PROFILE

Graduate Programming Technician from UTN, specializing in software development and custom solutions within the .NET ecosystem (C#) and languages such as Python and C/C++. Experienced as a freelance developer designing logical architectures, modeling databases, and integrating complex APIs. I have practical knowledge in cybersecurity, developing applications with encryption and decryption systems (AES and DPAPI). I possess a strong work ethic focused on process optimization and problem-solving through clean, scalable code

## PROFESSIONAL EXPERIENCE

### IT Administrator & Technical Support

Aug 2021 - Present

Consultorio Odontológico Integral

- Provide first-level technical support for end users, resolving hardware, software, network, and application-related issues.
- Configure, deploy, and maintain workstations, printers, user accounts, and business applications for end users.
- Administer patient databases while ensuring system availability and data integrity.
- Coordinate digital infrastructure improvements and support daily IT operations.
- Assist in inventory tracking and management of IT equipment, ensuring accurate documentation and operational availability.
- Support collaboration and document management processes using SharePoint.

### Freelance Software Developer & IT Solutions Consultant

May 2024 - Present

JESMdev / MAK

- Design and development of web applications and custom software solutions for SMBs and law firms, strongly built on C# and the .NET ecosystem.
- Software architecture, database modeling, and third-party REST API integration (such as the WhatsApp Business API) to automate business workflows and customer service.
- Creation of system-level tools and automations (e.g., Windows Services) focused on process optimization, monitoring, and security.
- Comprehensive management of the Software Development Life Cycle (SDLC), solution deployment, and version control using Git and GitHub.

## EDUCATION

### Higher University Technician in Programming

Universidad Tecnológica Nacional (UTN)

Graduated 2025

## KEY PROJECTS

**StockiFy** – Inventory management web application designed to replace spreadsheet-based processes with centralized commercial operations and real-time inventory tracking. Technologies used: JavaScript, CSS, MySQL, REST APIs, PHP.

**PC Protector** – Workstation security solution utilizing hardware-based authentication as a physical USB key to restrict access and enforce automatic session locking when the token is disconnected or unverified. Technologies used: C#, .NET, AES, DPAPI, Cryptography.

**RetroMatch** – Retro operating system simulator (RMT-OS) with a CRT interface that performs real-time web scraping to extract job postings and calculates compatibility with candidate profiles through local PDF resume parsing. Technologies used: Node.js, HTML, CSS.

**AES Encrypter** – Desktop application that enables text and file encryption and decryption using AES-256 standard, based on user-defined passwords for practical cybersecurity management. Technologies used: Python, AES, Cryptography.

## CORE COMPETENCIES

C# / .NET, Python, C/C++, JavaScript, PHP, HTML/CSS, SQL, Oracle PL/SQL, REST APIs, Git & GitHub, AES & DPAPI Cryptography, Hardware & Software Troubleshooting, Device Configuration & Deployment, IT Asset Management, End User Support, Office 365, Problem Solving, English (B1), Spanish (C2).