

Santiago Martinez

SysAdmin | Programming Technician | Network Technician Concordia, Entre Ríos, Argentina | 28 years old Full-time availability | On-call availability Proprietary technical equipment and fully equipped remote workspace. san.martinezok@gmail.com | +54 345 6268262

This curriculum is a summarized version focused on skills and certifications. I invite you to explore the extensive version of my professional career at profile.maokata.com.

Professional Profile

I view technology as a medium for solving complex problems. My professional journey began in engineering, a stage that granted me a non-negotiable structural vision: the conviction that no system can scale or endure without a solid and well-calculated foundation. This mindset follows me today in every line of code and throughout every design and implementation process.

I found in **code** more than just a work tool; I found an ally for solving complex issues, automating processes, and designing monitoring systems. My professional present beats at the pace of an **ISP**, where I manage the critical infrastructure that keeps people connected. I thrive on the adrenaline of resolving critical incidents and the technical satisfaction of maintaining stable networks and operational services.

I do not seek mere stability, but challenges that force me out of my comfort zone and allow me to learn from failures, understanding that every error is a lesson for tomorrow.

Education

- **Fiber Optic Network Engineering (FTTH/GPON)** | FICOM | 2025
 - Specialization in the complete lifecycle of Outside Plant (OSP) projects, engineering design, surveying, and certification.
 - Advanced handling of instrumentation (OTDR/Power Meter) and optical budget calculations.
- **University Technician in Programming** | UTN Facultad Regional Concordia | 2022 – 2023
 - **Graduated with Honors.** Solid training in software development and information systems.
- **Web & Mobile App Development Diploma** | Carlos Slim Foundation | 2022

- Comprehensive training in modern stacks: server administration, databases, and Full-stack development.
 - **IT Systems Technician Diploma** | Carlos Slim Foundation | 2022
 - Certification of operational competencies in hardware support, data networking, and fiber optic installation under international standards.
 - **Civil Engineering (Incomplete - 4th Year completed)** | UTN Facultad Regional Concordia | 2016 – 2022
 - Foundational technical training focused on planning, calculation, and infrastructure vision.
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Professional Experience

- **SysAdmin & Network Infrastructure** | Internet Plus | 2025 – Present
 - Responsible for the control, maintenance, and monitoring of the ISP's network core.
 - Stability management for massive services and implementation of solutions for complex infrastructure issues.
- **Chatbot Developer** | SEO ARG | 2025
 - Development of custom conversational solutions integrated with legacy systems and databases.
 - Implementation of data collection processes via scripts and APIs for subsequent analysis.
- **Full Stack Developer - Embedded Systems** | OLTMyAdmin | 2024 – 2025
 - End-to-end development of a SaaS for network equipment management, integrating proprietary hardware and software.
 - Integration of hardware and scalable network environments under Linux systems.
- **Network Technical Support** | Internet Plus | 2023 – 2024
 - Resolution of daily technical requirements and incident management to ensure service continuity.
 - Comprehensive technical diagnosis of ISP operations.
- **FrontEnd Developer** | Finnegans | 2023
 - Part of the development team for a digital wallet under Agile methodologies (Scrum).
 - Development of fluid interfaces in Angular and deployment management using Nginx.
- **Project Director** | TecnoBross | 2021 – 2022

- Technical management and direction of custom web portals and management platforms.
 - Execution of technical training in cybersecurity and web components for internal staff and clients.
- **Systems Developer & Manager (Freelance)** | 2020 – Present
 - Creation of monitoring systems, process automation via scripts, and development of documented APIs.
 - Remote technical assistance and constant system evolution based on client needs.
 - **IT Technical Service (Freelance)** | 2020 – Present
 - Preventive and corrective maintenance of hardware and workstations for a fixed client portfolio.
 - **Teaching Assistant - Programming I** | UTN FRC CON | 2016 – 2021
 - Teaching assistance in programming logic and mentorship for undergraduate students.

Technologies & Technical Knowledge

- **Networking & ISP Infrastructure:** Specialization in the complete cycle of fiber optic networks (**FTTH/GPON/EPON**), including Outside Plant (OSP) design, optical budget calculation, and certification via **OTDR/Power Meter**. Advanced routing management, firewalls, and DDoS defense using **MikroTik** equipment.
- **Virtualization & Containers:** Administration of **Proxmox VE** environments, featuring LXC containers, KVM virtual machines, ZFS storage management, and High Availability (HA) configurations. Service orchestration and standardization using **Docker and Docker Compose**.
- **Security & Web Infrastructure:** Configuration of **NGINX** as a reverse proxy and load balancer for secure traffic orchestration. Implementation of perimeter security via the **Cloudflare** ecosystem, utilizing Tunnels, Zero Trust policies, and WAF rules for attack mitigation and infrastructure protection.
- **Lenguajes de programación:** Desarrollo de API, scripts y automatización con **Python** (Django, FastAPI, Flask). Gestión de procesos backend con **Node.js** y mantenimiento del sistema con **PHP** y **JavaScript**.
- **Bases de datos:** Diseño, diagnóstico y optimización de motores relacionales (**MySQL, MariaDB**) y soluciones NoSQL (**MongoDB, Redis**).
- **Monitoreo y Observabilidad:** Implementación de tableros **de Grafana** integrados con **InfluxDB** y **Prometheus** para visualización en tiempo real de datos complejos y estadísticas de infraestructura crítica.

- **Desarrollo web clásico:** Implementación de sitios y portales con **WordPress**, garantizando una presencia digital funcional y despliegues rápidos. Dominio de los fundamentos web en **HTML** y **CSS**.
- **Automatización & Flujos Conversacionales:** Implementación de soluciones inteligentes vía **BotMaker**, diseñando flujos conversacionales que optimicen el contacto usuario-servicio para mejorar la eficiencia operativa.

Competencias y habilidades

- **Metodologías Ágiles:** Experiencia trabajando bajo marcos de trabajo **Scrum** y **Kanban**, participando en ceremonias (dailies, retrospectivas) y utilizando herramientas de gestión para asegurar la entrega iterativa y una comunicación fluida entre los equipos de Dev y Ops.
- **Idiomas: Inglés intermedio (B1)**. Competente en la lectura y comprensión de documentación técnica compleja, la redacción de informes y la comunicación eficaz en entornos profesionales. Actualmente en preparación para la certificación internacional.
- **Gestión y Planificación de Servicios:** Capacidad para **la elaboración de presupuestos técnicos**, la estimación de recursos para la implementación de infraestructura y el análisis de costos operativos. Enfoque en la optimización de servicios para garantizar la viabilidad técnica y económica de los proyectos.
- **Habilidades blandas e interpersonales:** Sólida capacidad de comunicación técnica y asertiva, desarrollada a través del contacto directo con el cliente en entornos **de soporte de alta presión** y la colaboración dentro de equipos multidisciplinarios.
- **Resolución de Conflictos y Liderazgo:** Capacidad analítica para diagnosticar problemas críticos, toma de decisiones en contingencias y experiencia en transferencia de conocimiento a través de capacitación técnica y mentoría.