

MARTIN MAJEWSKY ZELAYA

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PROFESSIONAL SUMMARY

Information Systems Engineer with a strong focus on building and leading scalable technology solutions. I have over three years of experience transforming complex operational requirements into robust applications, ranging from national public health systems to institutional management tools. I excel in cross-platform development and the implementation of modern ecosystems, with a user-centered approach (UX/UI) to automate processes and enhance organizational efficiency.

SKILLS

TECHNICAL SKILLS

Microsoft Office, WordPress, PM Software, Java, Kotlin, PHP, TypeScript, React, Next.js, Angular, Spring Boot, ASP.NET, Tailwind, Laravel, Python, Fast API, Microsoft SQL Server, MySQL, Oracle PL/SQL, MongoDB, Git, Github, Docker

SOFT SKILLS

Attention to detail, Leadership, Teamwork, Adaptability, Critical thinking, Process optimization, Fast learner

LANGUAGES

Spanish (Native), English (C1 Advanced – EF SET Certified)

PROFESSIONAL EXPERIENCE

ICT and Digital Communication Advisor

Fundación Movicáncer | Managua, Nicaragua

May 2024 - April 2026

Non-profit organization dedicated to cancer prevention through projects and initiatives

- Spearheaded the digital transformation of the foundation's internal operations by implementing modern collaboration and Agile project management tools (Slack, ClickUp) to optimize team workflows.
- Architected and deployed an on-premise IT infrastructure using a Synology NAS server to centralize secure data storage, optimize network connectivity, and host containerized environments using Docker for local development deployments.
- Engineered a custom, multiplatform internal application utilizing Kotlin Multiplatform (KMP), Laravel, and MySQL to automate the administration of event registrations and general organizational operations.
- Redesigned the foundation's donation backend architecture, implementing strict adherence to international security and data privacy regulations (PCI-DSS, GDPR) to ensure safe data collection and secure payment processing.
- Managed and scaled logistics data access for major fundraising events (Pink Race, Nicaragua Cancer Challenge), successfully processing over 2,500 real-time registrations while drastically improving automated inventory control.

Project Manager – SIVIPCAN 5

Fundación Movicáncer | Managua, Nicaragua

September 2023 - April 2026

Non-profit organization dedicated to cancer prevention through projects and initiatives

- Directed the from-scratch design, technical strategy, and full product lifecycle for version 5 of the National Cancer Prevention Surveillance System (SIVIPCAN).
- Architected an enterprise-level backend using Spring Boot and Oracle PL/SQL, designing it specifically as an independent microservice with a robust REST API for the secure storage and processing of targeted health data.
- Engineered a scalable Angular frontend that seamlessly integrates with the internal backend while simultaneously consuming external MINSAs (Ministry of Health) microservices for comprehensive data retrieval and reading.
- Deployed the platform nationwide across the Ministry of Health's infrastructure, achieving active adoption in all health regions for the epidemiological monitoring of women's cancer screening tests.

ADDITIONAL EXPERIENCE

Project Manager – Mininos UCA

Universidad Centroamericana (UCA) | Managua, Nicaragua

September 2022 - August 2023

- Led the end-to-end design and development of a centralized management platform using ASP.NET web forms, significantly optimizing the daily operations of the Mininos UCA animal rescue initiative.
- Engineered a native Android companion application using Kotlin, enabling volunteers to perform on-the-go data entry and real-time monitoring of the campus feline population.
- Managed the complete project lifecycle, successfully translating complex operational and administrative needs into functional, intuitive technological solutions to maximize the quality of animal care.

EDUCATION

Universidad Nacional Casimiro Sotelo Montenegro (UNCSM) | Managua, Nicaragua

2024 - 2025

Bachelor of Science in Information Systems Engineering

Universidad Centroamericana (UCA) | Managua, Nicaragua

2021 - 2023

Bachelor of Science in Information Systems Engineering