LUIS DANIEL MIRANDA MACHACA

SYSTEMS ENGINEERING GRADUATE

Check my portfolio

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LANGUAGES

- **English:** Advanced (B2)
- **Spanish:** Native

EDUCATION

2022 - 2025| SYSTEMS ENGINEERING

Graduated - Universidad Privada del Valle, Sede La Paz

2019 - 2021| MID-LEVEL TECHNICIAN IN SYSTEMS

Mid-Level Technician - Instituto Americano La Paz "Amerinst"

2022 - 2024 | PROFICIENCY IN ENGLISH

Student - CBA (Centro Boliviano Americano)

CERTIFICATIONS & TRAINING

- Partner: PCAP - Programming Essentials in Python - Cisco Networking Academy
- Database Programming with SQL - Oracle Academy
- Database Design - Oracle Academy
- IA Fundamentals with IBM SKills Build - Cisco Networking Academy
- Get Connected - Cisco Networking Academy
- NDG Linux Unhatched course - Cisco Networking Academy
- HCIA-AI V3.5 - Huawei Talent

TECHNICAL SKILLS

- **Programming Languages:** Dart, JavaScript, TypeScript, Python, C#, PHP y Kotlin

- **Web Development Frameworks:**
  - Frontend (React, VueJs, Astro)
  - Backend (Express, Django, .NET, Laravel)

- **Mobile Development:**
  - Nativo (Kotlin para desarrollo en Android)
  - Multiplataforma (Flutter, Kotlin Multiplatform)

- **Databases:**
  - SQL (MySQL, PostgreSQL, SQLServer, Oracle Database)
  - NoSQL (MongoDB)

PROFESSIONAL EXPERIENCE

External Web Developer

Contribution Management System Colegio de Bioquímica y Farmacia La Paz (CDBF)

July 2023 – February 2024

Participated in the development and implementation of a Contribution Control System as an external developer, aimed at optimizing payment management and tracking members with outstanding debts.

- Systematized payment records and automated debt calculation for members.
- Developed features for generating administrative reports on debts, payments made, and payment history.
- Implemented mechanisms to identify members with and without outstanding balances, improving the efficiency of the collection process.
- Developed the system using PHP on the backend and Bootstrap 5, HTML, CSS, and JavaScript on the frontend, prioritizing a clear and functional user interface. View Here

PROFESSIONAL EXPERIENCE

Flutter Developer
GAMLP (Gobierno Autonómo Municipal de La Paz)
July 2025 – December 2025

During my internship at GAMLP, I participated in the development of mobile applications for Android and iOS using Flutter, focusing on UI/UX, Clean Architecture, and service consumption.

- Developed mobile applications for Android and iOS using Flutter, with a strong focus on UI/UX and Clean Architecture.
- "Permisos de Viaje" app: creation of custom widgets, global Light/Dark themes, scalable typography, biometric authentication integration, and backend service consumption for request management. View Here
- "iGOB+" app: participated in the comprehensive development of a government application, implementing business logic, navigation, API consumption, and user experience optimization.
- Took part in the full development lifecycle: interface design, service integration, modular architecture, and functional testing.

PROFESSIONAL EXPERIENCE

External Web Developer
Crea Bolivia (ONG)
October 2025 – December 2025

As an independent developer, I developed a WordPress website for the NGO Crea Bolivia, handling both implementation and operational optimization.

- Developed and deployed the NGO's website using WordPress.
- Configured and managed the server and domain, ensuring security, performance, and stability.
- Customized site appearance and content structure to improve user experience.
- Performed maintenance and updates to ensure long-term compatibility and stability. View Here

PROFESSIONAL EXPERIENCE

External Web Developer
Barbershop Management System – Jhoann Barber
September 2025 – January 2026

I was responsible for the development and implementation of an end-to-end management system for a barbershop, delivered as an independent freelance project, with the objective of digitizing and optimizing daily operations and customer management.

- Systematized the management of appointments, clients, services, and overall business operations.
- Developed features for appointment scheduling and service tracking.
- Implemented a service-oriented backend with authentication and data persistence.
- Built a web-based user interface focused on usability and user experience.
- Deployed and maintained the system in a cloud environment. View Here