VÍCTOR PATRICIO MALDONADO GARCÍA

La Serena, Coquimbo Region, Chile.

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PROFESSIONAL PROFILE

Software Developer with a background in computer engineering, specializing in full stack development. Experienced in creating web and mobile applications, including a dental clinic app using React Native and Flask. Skilled in database management and system administration, eager to leverage expertise in full stack engineering to drive innovative solutions.

SKILLS

- Full Stack Development (Frontend and Backend), Web and Mobile App Development, Microsoft Office, Effective Communication, Analytical Thinking, Teamwork, Fast Learner, Punctual, System Administration and Technical Support, Bilingual Communication (English & Spanish)

EXPERIENCE

Dental Lab Management System – Laboratorio Dental Olga Nuñez Castillo   Apr 2025 - Aug 2025

Software Developer (Freelance Project)

Robust desktop application for the end-to-end management of a dental laboratory, replacing a legacy MS Access 2003 system with a modern, secure, and efficient solution built with Tauri v2, React 18, TypeScript, Rust, and SQLite.
- Designed and implemented a hybrid migration system compatible with both the existing Access database and modern SQLite formats, ensuring operational continuity during the transition.
- Used Rust for critical system-level operations combined with SQLite in WAL mode, improving stability, concurrency, and overall performance.
- Developed an adaptive UX, optimized workflows for lab staff, reducing daily operation time.

Odontoline App Project   Jan 2025 - Mar 2025

Software Developer

Development of a mobile application for a dental clinic, allowing users to manage their appointments and receive notifications.
- Developed frontend using Expo (React Native), enhancing user interface and experience for seamless appointment management
- Built backend using Flask and Supabase, ensuring reliable data processing and storage for user appointments
- Created automated notifications and managed the database, improving user engagement and appointment tracking efficiency

Private Projects   Jan 2020 - Present

Freelance Developer
- Developed customized websites and applications for various clients, enhancing user experience and functionality
- Implemented technological solutions based on specific requirements, improving system efficiency and client satisfaction
- Formatted systems, installed software, and set up systems, ensuring optimal performance and user satisfaction

Teleperformance Chile S.A.   Mar 2023 - Feb 2024

Interpreter/Translator (English - Spanish)

Simultaneous interpretation of customer service, technical support, and medical service calls.
- Maintained high standards of accuracy and confidentiality, ensuring client trust and satisfaction
- Improved linguistic and communication skills in professional environments, enhancing the quality of interpretation services provided

EDUCATION

Universidad de La Serena, La Serena, Coquimbo Region, Chile   Apr 2025

Bachelor's Degree, Computer Engineering

LANGUAGES

- English (Advanced (Professional experience as an interpreter))
- Spanish (Native)