

Guillermo Paredes

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ABOUT ME

I am a product-driven software engineer with extensive experience developing software systems for nonprofit organizations, leading a team of four to deliver user-focused, high-quality solutions. Passionate about adaptability and continuous growth, I thrive in collaborative environments and actively expand my expertise into cloud technologies to embrace modern, scalable software development. My commitment to blending design, functionality, and innovation ensures seamless user experiences and impactful, reliable products.

PROFESSIONAL EXPERIENCE

Tech Lead - Software Developer

Bolivia

Fondation Tutor

2022 - Present

Responsible for the leadership of one of the teams where we develop applications from scratch, based on the latest technologies. Taking into account the expertise of each team member, actively participate in different roles such as Frontend/Backend and DevOps.

Stack: Angular, React, NextJS, NestJS, NodeJS, TypeScript, Flutter, React Native, MySQL, PostgreSQL, Docker

Full Stack Developer

Bolivia

Fondation Tutor

2019 - 2022

- I worked on Sicamex, a case management system for juvenile offenders, which was developed for the Judicial Authority of Durango, Mexico. Contributed to backend development, database design, and the integration of administrative workflows to enhance case-tracking efficiency and ensure compliance with judicial requirements.

Stack: Angular, NestJS, TypeScript, MySQL, Docker

- Developed the LGBTI Judicial Training Course, a desktop application designed to educate Bolivia's judicial system on the rights of LGBTI communities. Responsibilities included implementing user interfaces, ensuring content accessibility, and optimizing performance for diverse system environments.

Stack: React, Electron, SQLite, TypeScript

- Contributed to Tahaddi, a system for tracking medical, educational, and social services for political refugees in Lebanon. I focused on the social module, implementing features for case registration, data management, and reporting to aid in delivering tailored support services.

Stack: Angular, Ionic, SQLite, LoopBack

Contractor - Frontend Engineer

Bolivia

DIRNOPLU - Directorate of Plurinational Notaries

February 2022 - March 2022

Member of the Development team, the team in charge of developing the evaluation system for Notaries of Public Faith for admission to the Notarial Career.

Stack: Ruby on Rails, Ruby, MySQL, Sidekit, jQuery

Contractor - Senior Software Engineer

Bolivia

Departmental Health Service

2018

- Improve the performance of your current application
- Develop an application to synchronize 2 databases between a database in the cloud and a local database.

Stack: React, Nodejs, Electron, Android, Java, MySQL

Frontend Developer

Bolivia

Yotta Software

2018

Development of modules, components, views, and reports, for Cross Platform Credit Management System, for Financial Entity, as main Javascript technologies with the Facebook ReactJS library and SQLite Databases in Offline mode and Sql Server in Online mode.

Stack: React, React Native, Java, SqlServer

PROJECTS

Livainn.com

2022

I developed an application using Next.js for real-time data collection aimed at users who want to subscribe to the Yape platform. The application enables the import/export of information for the bank, which is later analyzed. This solution streamlines the data management process, ensuring efficiency and accuracy while providing a seamless experience for users and administrators.

Stack: NextJS, React, NestJS, NodeJS, Prisma, MySql

Codevs.tech

2022

I created a personal blog using Astro to share experiences and insights about technology and software development. I implemented an optimized and responsive design with Tailwind CSS, enhanced performance through static content generation, and configured SEO best practices for better visibility. The blog features articles written in Markdown and MDX, focusing on customization and scalability.

Stack: Astro, TypeScript, Vercel, Tailwind

EDUCATION

Duolingo English Test Center

2024 - Present

Intermediate: CEFR B1

Higher University of San Andres, Bolivia

2024 - Present

Master's Degree in Higher Education

Higher University of San Andres, Bolivia

2011 - 2017

Bachelor Degree in Computer Science