

#01

FULL-STACK DEVELOPER

Portfolio



The Software Architect Elevator

ABOUT

Alan Montaño Cruz

 The Manager's Path

Hohpe

O'REILLY



Software Engineering at Google
Bolivian full stack developer with over 2 years of experience in the web development field. I thrive on taking ownership of projects, contributing not only

through code but also offering critical insights into product development. TypeScript enthusiast, staying updated with the latest features and its ecosystem.

 Designing Data-Intensive Applications



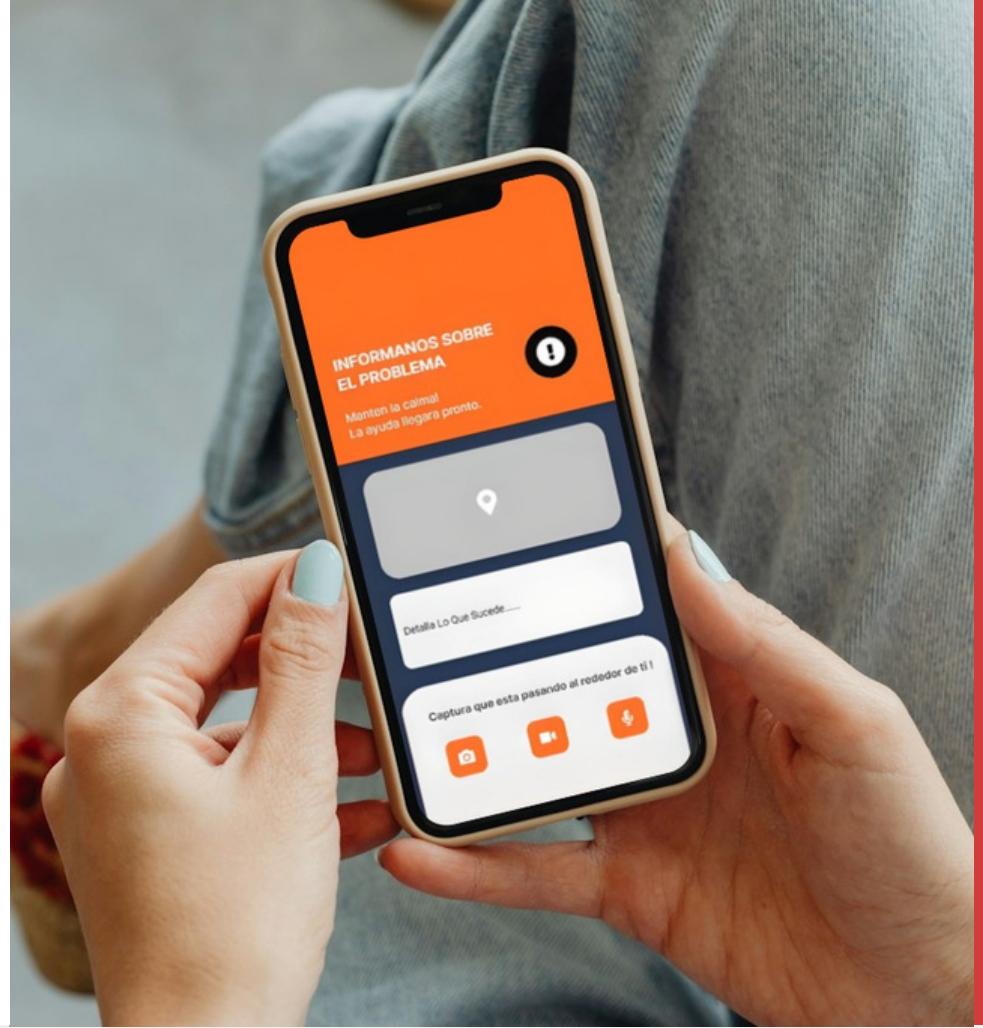
Fundamentals of Software Architecture

Richards & Ford

O'REILLY

artin

Clean Code



2022

2023

2024

2025

2026

The SAR notification app is a cross-platform web/mobile application designed for Cochabamba firefighters to manage emergency notification submitted by city residents and keep track of their inventory. Within the mobile app, people can send various types of emergency notification based on their specific situation.

The mobile app dashboard shows a list of reports:

- Jhonn Aguilar <jhonn.atkins@gmail.com> - Incendio: Auxilio!! Necesito su ayuda de inmediato tenemos una emergencia. Mi casa esta en llamas debido a una fuga de gas, Aun hay gente dentro del lugar,
- Marta Diaz - Persona atrapada: Auxilio!! Necesito su ayuda de inmediato tenemos una emergencia. Mi casa esta e...
- Marvin Rosa - Accidente de Coche: Auxilio!! Necesito su ayuda de inmediato tenemos una emergencia. Mi casa esta e...
- Damian Diaz - Incendio: Auxilio!! Necesito su ayuda de inmediato tenemos una emergencia. Mi casa esta e...
- Elena Castillo - Terremoto: Auxilio!! Necesito su ayuda de inmediato tenemos una emergencia. Mi casa esta e...

The web dashboard shows a list of reports:

- Jhonn Aguilar - Incendio: Today at 15:32
Auxilio!! Necesito su ayuda de inmediato tenemos una emergencia. Mi casa esta en llamas debido a una fuga de gas, Aun hay gente dentro del lugar,
no se su estado pero lleguen lo antes posible.Love you,
- Jhonn - Reporte: Download All

S.A.R. - FIREFIGHTERS

Flutter

Dart

MySQL

Firebase

Node.js

GitHub

UX/UI

Attention to detail

JavaScript

TOTEM DIGITAL KIOSK

ADVERTISING AND LOCATION MANAGEMENT

2022

2023

2024

2025

2026

Totem is a digital kiosk designed to help users navigate and discover key locations within the city. You can inquire about directions to specific places, and it features an advertising management system for utilization during the totem's idle periods.



DEMO:

https://www.youtube.com/watch?v=_zcjdOZ0gm4

Lista de Productos

CATEGORIA: Tecnologías CANTIDAD: 6 Galaxia Series S

CATEGORIA: Bebidas CANTIDAD: 0 Botella Coca-Cola

CATEGORIA: Alimentos CANTIDAD: 50 Dona Donut

CATEGORIA: Ropa CANTIDAD: 85 Poncho de lana

CATEGORIA: Bebidas CANTIDAD: 0 Pepsi

CATEGORIA: Alimentos CANTIDAD: 30 Pan Chompa

Inicio
Encuentra todo lo que necesitas, de forma rápida y con los mejores precios.

Buscar

Masas 3 Ver Todos

Botella Coca-Cola Disponible 15 Bs.

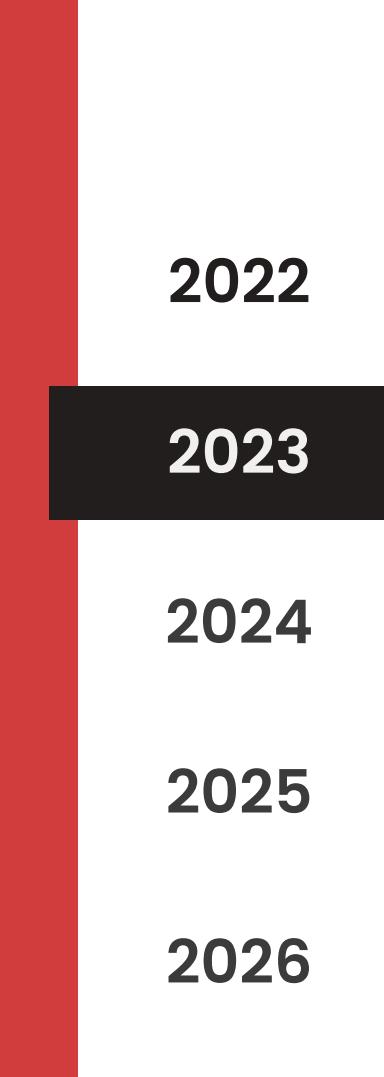
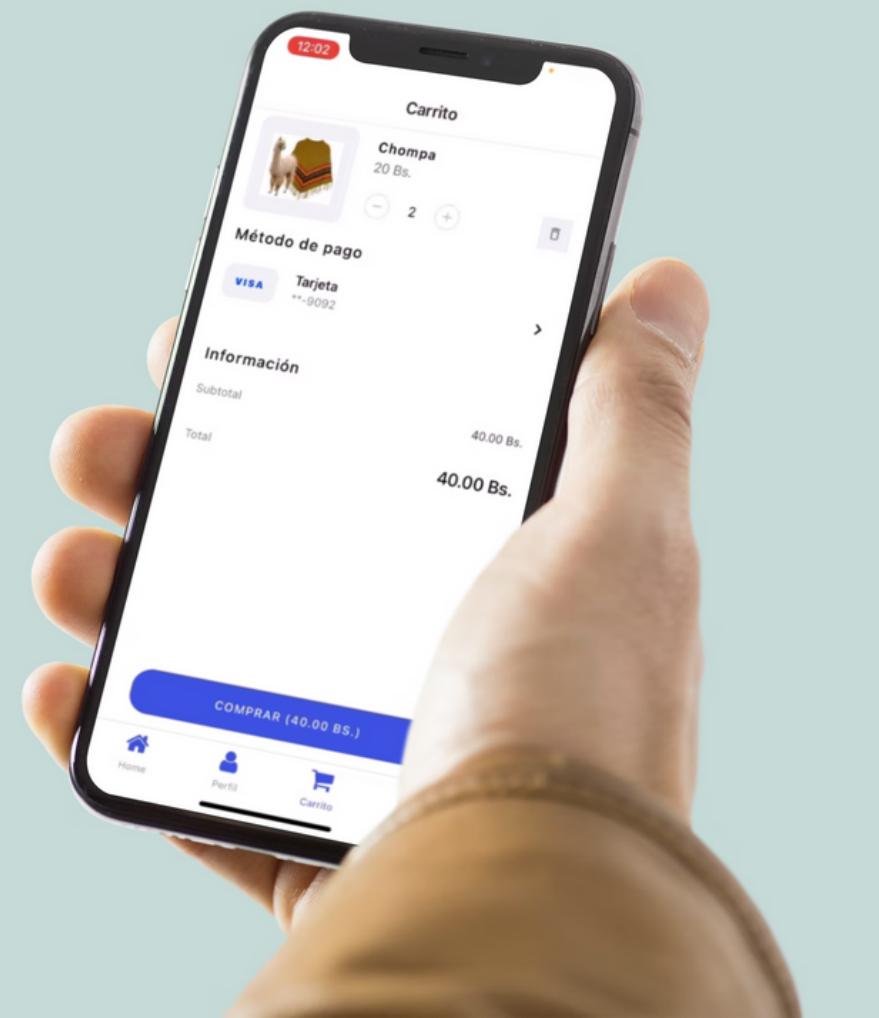
Dona Donut Disponible 6 Bs.

Tecnologías 2 Ver Todos

Galaxia Series S Disponible 20 Bs.

Pepsi No disponible 20 Bs.

Home Perfil Carrito Logout



PYMES

Small and medium-sized enterprises

Nextjs

React

MySQL

React Native

Docker

Github

UX/UI

Attention to detail

TypeScript

Pymes is a cross-platform app designed to manage the sales and products of an organization through its producers. Sales are conducted using a personalized mobile app for each specific organization. Within this app, user can access the organization's product catalog and purchase its products

NURSING HOME

NOVA VITA

Nextjs

TypeScript

Azure

Firebase

MySQL

React

React Native

Tailwind

2022

2023

2024

2025

2026

Nova Vita consists of two applications: a web-based donation campaign administrator customized for use in nursing homes, and a mobile donations app designed to interact with ongoing campaigns on the platform and facilitate contributions to them. Additionally, the web application allows users to access donation reports filtered by specific dates as needed.

Nova-Vita

"Un refugio acogedor que abraza con calidez, donde las experiencias se entrelazan con sabiduría y las sonrisas encuentran su hogar en cada recuerdo compartido."

Login

Registrate



Nursing Home Nova-Vita Web Application

The application features a navigation bar with links to Inicio, Asilos, Campañas, and Reportes. A user profile icon is also present.

Campañas (Campaigns) Section:

- Buttons: Activas (Active), Cerradas (Closed), Añadir Campaña (Add Campaign).
- Table:

Nombre Campaña	Descripción	Imagen	Tipo de Beneficiario	Estado	Fecha Inicio	Fecha Fin	Acciones
Campaign 1	This is campaign 1		Type 1	active	2022-01-01	2022-12-31	
Campaign 2	This is campaign 2		Type 2	active	2022-01-01	2022-12-31	

Reportes (Reports) Section:

Reporte de donaciones (Donation Report). Ingrese la fecha de inicio y de fin para generar el reporte de donaciones.

Fecha Inicio: mm/dd/yyyy

Fecha Fin: mm/dd/yyyy

Generar

Donation Report Table:

Nombre	Descripción	Monto	Fecha Donación
John Doe	Donation for charity	100	2022-01-01
Jane Doe	Donation for education	200	2022-02-01
Alice Smith	Donation for healthcare	150	2022-03-01

WEB PORTFOLIO

My personal portfolio serves as a showcase for my work, professional experience, and information about me. Visitor can explore my projects and get in touch with me through the provided contact details, including social networks

NextJs

Tailwind

React

UX/UI

Vercel



Alan Montaño

Systems engineering and full stack developer



English

B2

EF SET

EN

ES EN

Age

21

Years Old