SANTIAGO ALEXANDRE BARBOZA MUJICA

Junior Full Stack Software Developer

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PROFILE

Full stack software developer with 9 months of corporate experience (Transportes Línea). I build mobile apps in Flutter, .NET APIs with SQL Server and web platforms in Next.js and Angular, integrated with external services, GPS, barcode readers and physical devices. Creator of IControl, an inventory and shrinkage app for Tottus that keeps evolving with new features, and of my own products Tonero and instante.cards.

TECHNICAL SKILLS

Mobile	Flutter · Dart · Kotlin · SQLite (offline mode) · Mapbox · QR and barcode scanning
Frontend	Next.js · Angular · TypeScript · JavaScript · Mantine UI
Backend	C# / .NET · Node.js + Express · NestJS · Django REST (Python) · REST APIs · JWT · Microservices
Databases	SQL Server · PostgreSQL (Supabase) · Prisma · MongoDB (Atlas) · MySQL · SQLite
Integrations	Google Sheets · Microsoft Graph · Apache NiFi · External APIs · GPS and geofencing · Sockets
Tools	Git · GitHub · GitLab · Vercel · MySQL Workbench · Advanced Excel
Familiar with	React · Vue.js · C++ · Go (intermediate)
Languages	Spanish (native) · English (intermediate)

EXPERIENCE

Transportes Línea · Peru — Sep 2025 – Jun 2026
Junior Software Developer · Full Stack

Development and maintenance of mobile apps, web platforms and integrations for the operations of an intercity transport company, as part of a development team.

- **AlcoTest** (Next.js · .NET · SQL Server) — attendance control platform integrated with the Alcozero device: records check-in with a camera, fingerprint and alcohol level, and shows each employee's history.
- **ProLinea** (Flutter · .NET · SQL Server) — employee mobile app; I built new modules and updated existing ones, integrating services from other systems:
  - Personal documents (payslips, settlements, severance) retrieved from an external service.
  - Intercity boarding with barcode and ID document reading (DNI, passport, foreign ID).
  - Vehicle checklist, departure and arrival control, and a profile with a digital barcode generated from the employee ID.
  - Login connected to the central user service; JWT, microservices, and QR generation and reading.
- **Copiloto** (Flutter · .NET · SQL Server) — GPS app for the transport fleet: shows route stops, manages geofences, works offline and uses Mapbox maps.
- **Fleet Monitoring** (Angular · .NET · SQL Server) — new GPS tracking module for the vehicles and a system upgrade to operate by branch, querying each branch's vehicle data.
- **BackOffice** (Next.js · .NET · SQL Server) — migration of Razor Pages modules to Next.js; supplier and product master data, and integration with the external MIGO API to fetch exchange rates and supplier data, saved in a single action.
- **Microsoft account automation** (Apache NiFi · .NET · SQL Server · Microsoft Graph) — built a flow that enables or disables Microsoft accounts based on database tasks (employees on sick leave, on vacation or who left the company).
- **KOVA** (Next.js · .NET · MongoDB) — real estate website with a CMS, user roles and permissions, and a map with price markers for the filtered properties.

Tottus Hypermarkets, Pacasmayo · Peru — May 2024 – Sep 2025
Warehouse Associate · Logistics

- Receiving, loading and unloading goods; packing and product preparation; electric forklift operation; order, cleanliness and safety of the area.
- Inventory control with specialized software (receiving, settlements, discrepancies, asset transfers) and shrinkage control.
- First-hand knowledge of the receiving, inventory and shrinkage processes that I later digitized in IControl (see Projects).

PROJECTS

Tonero · Own project · tonero.elsanticode.dev — Nov 2026

Android app that reads notifications from the chosen apps out loud

- Flutter (Material 3) UI with a native Kotlin layer (NotificationListenerService, TextToSpeech, AudioFocus) connected through a MethodChannel.
- Over 25 options: filters by app, person and keywords, voice replies and auto-activation with the car's Bluetooth.
- No internet permission and data encrypted with AES-256 (Android Keystore); 57 automated tests; landing page on Vercel and signed APKs on GitHub Releases.

instante.cards · Own project · instante-xi.vercel.app — Nov 2026

Digital invitation service for weddings, birthdays and graduations

- Next.js 16, React 19 and TypeScript with Tailwind CSS; Google Sheets (API with a service account) as the data source: each invitation is a row and goes live without a redeploy.
- Five templates with opening animations, RSVP stored in a sheet, add to calendar (.ics), a PDF per template (pdf-lib) and a WhatsApp preview (next/og).

WebDeCitas · Own project · in progress — Nov 2026

Online booking platform for beauty and personal care businesses

- Next.js 16 and Mantine UI with a NestJS API, Prisma and PostgreSQL (Supabase); real-time free slots, no double booking (pessimistic locking and EXCLUDE), JWT and Vitest and Playwright tests.

CartaQR Digital · Café Café, Pacasmayo — Oct 2026

Digital menu accessed by QR code with WhatsApp ordering

- Pitched the solution to the restaurant and adapted it to their needs; built with Next.js and Mantine UI.
- The restaurant manages its products in a Google Sheets table and the menu updates automatically on the web.
- Customers order through WhatsApp, for takeaway or to eat in.

IControl · Tottus Hypermarkets — Nov 2024 – Present

Goods receiving, inventory and shrinkage control app

- Flutter (mobile), Angular (admin), Node.js/Express and MongoDB Atlas; SQLite, MobileScanner, JWT and Sockets.
- Keeps evolving with new features for different areas: several already shipped and others being optimized.

ELZU — Jun 2024 – Jul 2024

Mobile temporary file management system

- System with login, a scalable admin panel and roles: supervisors assign daily files that operators download, fill in and upload.
- Angular (TypeScript) frontend, Express backend and MongoDB database.

Nisira System — Jan 2023 – May 2023

Customer management backend

- Co-designed the database (MySQL Workbench) of a customer app that flags debtors and service requests in real time.
- Backend with Django REST Framework (Python), JWT, user roles and permissions; version control with GitLab and GitHub.

More projects and demos at elsanticode.dev

EDUCATION

TECSUP — 2021 – 2023

Software Design and Development · Technical Degree

- Data Analytics Essentials — Cisco Academy
- Golang, intermediate level — Udemy
- English, intermediate level — Conversa
- Excel, advanced level — CDT Pacasmayo

REFERENCES

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IT Manager — Transportes Línea

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