

JUAN GARIGLIO

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SUMMARY

Software Engineer with 3+ years of experience building scalable, high-impact web products in agile environments. Specialized in React, Next.js and TypeScript, with a strong product orientation — designing modular UI architectures, integrating APIs and delivering performant, accessible user experiences. Partner with Product, Design and Engineering teams to ship business-critical platforms used by hundreds of users and powering core company operations. Deploy applications on GCP/Cloud Run, implement CI/CD workflows and build data-driven solutions with Python and Google Cloud. Currently focused on AI agents.

EXPERIENCE

Software Engineer — Grupo Cortassa

January 2023 – Present

Translate business needs into scalable web applications end-to-end — owning solution design, development and delivery with a focus on product impact, usability and operational efficiency.

Key Products & Projects

Self-Order Kiosk - Designed and developed a self-service ordering system with integrated Mercado Pago payments, used at physical points of sale and contributing to a ~10% increase in order volume.

- Engineered the interface for usability, responsiveness and accessibility.
- Tech stack: React, Next.js, TypeScript, Zustand, Tailwind CSS, Zod, i18n, authentication & authorization, Mercado Pago SDK.

POS Module - Designed and implemented a point-of-sale system deployed across 36 stores and used by 60+ cashiers, processing ~20% of company orders. Cut average checkout time by ~50% and eliminated manual promotion-selection errors by automating discount entry and validation.

- Engineered the frontend for performance, accessibility and reliability in high-volume store operations.
- Tech stack: React, Next.js, TypeScript, Zustand, Tailwind CSS, Zod, i18n, authentication & authorization.

Pricing & Discounts Platform - Developed a centralized platform managing more than 25,000 products, replacing manual commercial workflows. Reduced setup of a multi-product promotion from ~30–60 minutes of per-product configuration to a couple of clicks, saving hours per peak campaign (10–20 promotions/week).

- Tech stack: FastAPI, Python, PostgreSQL, Procrastinate, Streamlit.

IT Asset Management - Built a platform to track and manage 1,000+ company devices, replacing an untraceable spreadsheet with normalized data, full device traceability and faster device onboarding/offboarding.

Data Engineering & Analytics

- Designed and implemented 50+ ETL/ELT pipelines on Google Cloud Platform, processing more than 100 million records monthly (~5 TB) from ERP, e-commerce and external sources.
- Developed 100+ real-time dashboards in Looker Studio, reducing manual reporting work by 90% and enabling data-driven decision making across multiple business areas.

SKILLS

Frontend - React, Next.js, TypeScript, JavaScript, REST APIs, UI Architecture, Responsive Design, Accessibility Best Practices, Semantic HTML, Keyboard Navigation, Design Systems, Cloud & DevOps, Google Cloud Platform (GCP), Cloud Run, Docker, CI/CD, Git

Backend & Data - Python, FastAPI, SQL, PostgreSQL, BigQuery, ETL/ELT, background task processing, Pandas, Streamlit, Looker Studio

AI & Productivity - AI-assisted development workflows, prompt engineering, tool/function calling

Design & Collaboration - Figma, Agile methodologies, Kanban, Cross-functional collaboration

EDUCATION

AI Agents Course — Hugging Face (In Progress)

2026

- Studying agent architecture, RAG (Retrieval-Augmented Generation), multi-agent orchestration and tool calling, with smolagents, LangChain and LlamaIndex.

English Studies — UTN / UNRaf

2020–2024

Computer Engineering — Universidad Católica de Santiago del Estero, Rafaela (UCSE)

2018–2022

- Completed coursework through the 4th year before starting full-time professional experience

LANGUAGES

Spanish — Native

English — Intermediate conversational and technical proficiency

Italian — Basic