

Juan Ignacio Veltri

SENIOR FULL STACK ENGINEER · BUENOS AIRES, ARGENTINA

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INTERACTIVE VERSION
JVELTRI.COM.AR

PROFILE

I build fast, secure products for fintech, security and the web.

Eight years shipping software, from Mercado Pago's payment tools to Pomelo's fintech platform and Strike's offensive-security products. I work across the whole stack: React and React Native on the front, Node services and Postgres behind them, and the infrastructure that keeps it all running. I care about systems that stay fast, observable and secure as they grow. Today I build my own products and take on a few projects at a time.

EXPERIENCE

Strike

2025 - 2026

Offensive security

Sr Software Engineer

Jan 2025 - Mar 2026

- Led full-stack initiatives at a cybersecurity company focused on offensive security and continuous pentesting.
- Architected security-first platforms that integrate threat-intelligence flows with high-performance services.

Pomelo

2022 - 2024

Fintech infrastructure

Software Developer Sr

Feb 2024 - Dec 2024

- Promoted to senior: led complex technical initiatives and mentored junior developers.
- Delivered high-impact work on the fintech platform with React, Next.js, Node, NestJS and GraphQL.

Software Developer SSr

Feb 2022 - Jan 2024

- Built and maintained critical fintech applications across frontend and backend.
- Shipped scalable solutions and improved developer experience across the platform.

Mercado Pago

2017 - 2022

Payments · Mercado Libre

Software Development SSr Analyst

Feb 2021 - Jan 2022

- Led payment-integration tooling with React, Node and MySQL.
- Ran monitoring on Datadog, Kibana, New Relic, StatusPage and Tableau; worked on vulnerability assessment.

IT Analyst

Aug 2019 - Feb 2021

- Built payment-service applications across frontend and backend, and kept the platform stable through monitoring and data analysis.

IT Assistant

Oct 2018 - Jul 2019

- First software role: React, Node, MySQL and Git, with platform monitoring on Datadog and Kibana.

BackOffice · Customer Experience

Oct 2017 - Oct 2018

IN NUMBERS

8+

years building
software

3

fintech and
security
companies

3

apps on the App
Store and Google
Play

STACK

Frontend

TypeScript · React · Next.js · Tailwind CSS ·
TanStack Query · Zustand · GSAP · Three.js · deck.gl

Mobile

React Native · Expo · Skia · Reanimated · EAS ·
RevenueCat

Backend & data

Node.js · NestJS · Fastify · Hono · tRPC · GraphQL ·
PostgreSQL · PostGIS · Redis · BullMQ · Drizzle

Infra & observability

Vercel · AWS · Google Cloud · Cloudflare · Docker ·
GitHub Actions · Turborepo · Sentry · Datadog

STRENGTHS

Realtime systems. Authoritative servers, websockets, queues and workers that hold up under load.**Payments.** Mercado Pago, Paddle, RevenueCat and crypto, with webhooks that never lose an event.**Security.** Encryption at rest, rate limits and secret scoping, from a background in offensive security.**Observability.** Sentry, Datadog and OpenTelemetry, audit logs, retries and backoff: systems you can see into.

LANGUAGES

Spanish

Native

English

Professional

EDUCATION

University Technical Degree in Corporate Security

Universidad Argentina John F. Kennedy

Mar 2026 - Jun 2028 · In progress

CERTIFICATION

AWS Well-Architected Best Practices

Amazon Web Services · 2023

Products I designed, built and run end to end — web, mobile and desktop.

7 PROJECTS

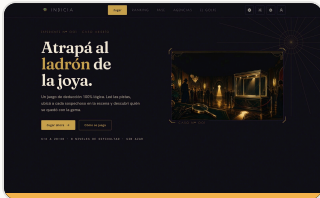


01 Guerras Políticas

Real-time PvP strategy game: Tribal Wars-style conquest with Argentine political satire.

An authoritative Fastify + Socket.IO game server, a procedurally generated world drawn as a PostGIS Voronoi map with deck.gl vector tiles, BullMQ workers and four payment providers. On the web, App Store and Google Play.

NEXT.JS 16 · SOCKET.IO · POSTGIS · DECK.GL · BULLMQ · EXPO
guerraspolicas.com ↗ [App Store](#) ↗ [Google Play](#) ↗

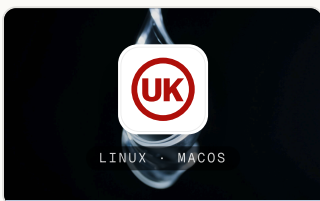


02 Indicia

Detective logic puzzles: read the clues, catch the jewel thief.

A Next.js web app and an Expo app that draws the board with Skia + Reanimated, on a Hono + Zod serverless API with in-app purchases, Mercado Pago and ads.

NEXT.JS 16 · EXPO · SKIA · HONO · REVENUECAT · NEON
indiciagame.com ↗ [App Store](#) ↗ [Google Play](#) ↗

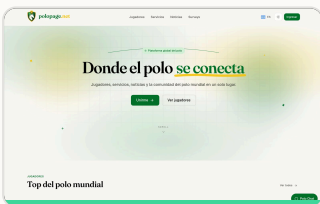


03 UK MiPortal App

Universidad Kennedy's Silverlight apps, running again on Linux and macOS.

Silverlight was discontinued in 2021 and the university's viewer only runs on Windows. I built Plata, an open-source Silverlight player on OpenSilver and WebAssembly: it reads the original .xap, adapts its assemblies to modern .NET and runs it in a...

C# · .NET · OPENSILVER · WEBASSEMBLY · PHOTINO · XUNIT
[Download](#) ↗ [GitHub](#) ↗

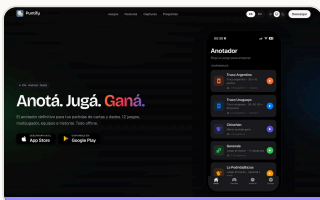


04 Polopage

The global platform for the polo community.

Player directory filtered by handicap, rank, country and club, a services marketplace, news, realtime community chat and surveys with reward credits. Bilingual, on a tRPC + Hono API.

NEXT.JS 16 · TRPC · HONO · DRIZZLE · ABLY · CLOUDFLARE R2
polopage.net/es ↗



05 Puntify

A score keeper for any game, on iOS and Android.

Scores, history and player stats across game formats. Built with React Native and Expo, and published on the App Store and Google Play.

REACT NATIVE · EXPO · TYPESCRIPT · IOS · ANDROID
puntify.jveltri.com.ar/es ↗ [App Store](#) ↗ [Google Play](#) ↗



06 SIU Bot

Automatic course enrollment for SIU Guaraní: 28 universities, 148+ programs.

A sub-minute cron that races credentials in parallel, AES-256-GCM encryption at rest, exponential backoff with Cloudflare and captcha detection, and jittered staggering to stay under rate limits.

NEXT.JS · DRIZZLE · NEON · VERCEL CRON · CHEERIO · AES-256-GCM
siu-bot.jveltri.com.ar ↗



07 TMS Construcciones CLIENT PROJECT

Premium website for a Patagonian construction company with 30+ years of history.

Showcases its developments in the Alto Valle of Río Negro and Neuquén, near Vaca Muerta, with aerial footage, 3D renders, smooth animations and a bilingual site.

NEXT.JS · TYPESCRIPT · TAILWIND CSS · GSAP · THREE.JS · NEXT-INTL
tmsconstrucciones.com.ar ↗

Have something worth building? Let's talk.

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