

# Luca Longoni

Full-Stack Engineer · Node.js / NestJS / React / TypeScript · Real-Time Systems · SaaS Platforms · Fintech  
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English: C1 (Cambridge) · Spanish: Native

## PROFESSIONAL SUMMARY

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Full-Stack Engineer with 5+ years shipping production real-time systems and SaaS. Co-founder and founding engineer at Prize, a multi-tenant competitive-pricing intelligence platform on Next.js 15 + NestJS 10 + Prisma 6, with row-level tenant isolation and a customer-configurable pricing engine. Founding engineer at MADELU, where I built a fintech trading platform with live broker integrations, sub-200ms latency, and 99%+ accuracy vs TradingView. Founded Bunzi, a multi-tenant SaaS I built solo from architecture to production. A year of agentic-first development experience (Claude Code, Cursor, Codex) on production codebases.

## TECH STACK

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<b>Languages</b>	TypeScript, JavaScript, SQL
<b>Backend</b>	Node.js, NestJS, Express, REST APIs, Socket.IO, WebSockets
<b>Frontend</b>	React 18/19, Next.js 15 (App Router), Vite, Tailwind CSS, Zustand
<b>Databases</b>	PostgreSQL (Prisma ORM), MongoDB, MySQL, Firebase
<b>Infrastructure</b>	AWS (EC2), Vercel, Railway, Docker, nginx, PM2, GitHub Actions, CI/CD
<b>Testing</b>	Jest, Vitest, Testing Library — unit, integration, Socket.IO
<b>Auth &amp; APIs</b>	Custom JWT (HS256), OAuth2, Clerk, bcrypt, Polygon.io, ChartsWatcher
<b>Async &amp; Email</b>	pg-boss (PostgreSQL queues), Resend, React Email, retry/dead-letter patterns
<b>Observability</b>	Sentry, pino structured logging, health endpoints
<b>AI Tooling</b>	Claude Code, Cursor, Codex, n8n, OpenClaw, LLM API integrations
<b>Architecture</b>	Multi-tenant SaaS, Microservices, Event-driven, pnpm Monorepos

## PROFESSIONAL EXPERIENCE

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### Co-Founder & Founding Engineer | Prize | 2026–Present

*SaaS / Competitive Pricing Intelligence*

- Co-founded Prize, a multi-tenant competitive-pricing intelligence platform for retailers. Built the full stack from scratch: Next.js 15 + React 19 frontend (Vercel) and NestJS 10 + Prisma 6 + PostgreSQL backend (Railway), designed for retailers to configure their own competitors, catalogs, and pricing rules at scale.
- Built a multi-tenant company model with row-level isolation across 15 Prisma models, role-based access enforced server-side via NestJS guards, and a token-based invite flow. Architecture supports unlimited tenants with isolated configuration per company.
- Designed a flexible SaaS pricing engine where customers configure their own competitor sources, catalog tiers, and pricing rules. Supports per-source flat fees, per-shop marketplace pricing, tiered catalog pricing, annual discounts, and promo codes.
- Shipped a 1900-line interactive price matrix UI (configurable band states, custom thresholds per company, URL-driven filters, SVG price-history charts) and a 1500-line matching review queue. Instrumented Sentry on both services with CI source-map upload, structured pino/JSON logging, and GitHub Actions CI on each repo.

### Founding Engineer | MADELU Investments | 2025–2026

*Fintech / Trading Analytics*

- Built and led TAPP-V2, a production trading analytics platform in Node.js, TypeScript and React 19, used by traders for real decisions on live markets.
- Designed a custom technical indicator engine (EMA, MACD, VWAP, LOD/HOD) matching TradingView at **99%+ accuracy**, processing 3,000+ candles per calculation across multiple timeframes.
- Integrated real broker APIs over WebSocket: Polygon.io for market data, ChartsWatcher for alert streams, and a P&L proxy for live position tracking. Sustained **sub-200ms latency** on 500+ concurrent feeds and 10K+ events/day.
- Designed alert evaluation and asset ranking algorithms surfacing opportunities by momentum, improving signal detection speed ~40%.

- Owned full deployment pipeline: AWS EC2 + Railway + Vercel, nginx reverse proxy, PM2 process management, GitHub Actions CI/CD for zero-downtime pushes. 266 commits, all production.
- Built most of the codebase in an agentic-first workflow using Claude Code with structured planning, sub-agents, and full test/review discipline.

### **Founder & Full-Stack Engineer | Bunzi | 2022–2025**

*SaaS / Independent Product*

- Founded and shipped Bunzi, a multi-tenant SaaS workspace and CRM platform, solo from architecture to production across two complete rebuilds.
- Final version built on Next.js App Router, TypeScript, PostgreSQL with Prisma, Clerk auth (with graceful degradation), pnpm and Vercel. Supported up to 3 isolated workspaces per user with full tenant isolation.
- Earlier version shipped on Node.js, React, MongoDB and Railway, demonstrating end-to-end ownership across two complete codebases.
- Owned the full product lifecycle: system design, UX flows, onboarding, CI/CD via GitHub Actions, and iterative feedback cycles.

### **Full-Stack Developer (Contract) | Tecotex | 2025**

*Operations / Internal Tooling*

- Built internal analytics dashboards used by 3 operational teams to track 15+ business metrics daily, replacing spreadsheet-based reporting.
- Designed REST APIs and automation tools that reduced data retrieval time ~60% and centralized company data flows across departments.
- Shipped new features weekly across Node.js, React, PHP and SQL/NoSQL in a fast-moving startup.

### **Full-Stack Developer | Mobbex | 2022–2023**

*Fintech / Payments*

- Built integrations with external platforms for secure payment workflows and API communications across the company's checkout and merchant systems.
- Improved user-facing interfaces and checkout UX flows for financial services applications serving LATAM merchants.
- Worked in a team environment with daily collaboration across product, backend and frontend.

### **Full-Stack Developer | Wirsolut | 2021–2022**

*Agency / Client Work*

- Built responsive web applications for multiple clients using React, Next.js, Node.js and Firebase, shipping production releases on tight client timelines.
- Designed reusable UI component libraries that accelerated delivery across client projects.
- Worked in a team environment, including direct collaboration with designers, PMs and clients.

## **SELECTED PROJECTS**

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### **Syncboard — Real-Time Multiplayer Whiteboard [github.com/lucabit-dev/whiteboard](https://github.com/lucabit-dev/whiteboard) · 2024**

Production-grade pnpm monorepo with a shared @syncboard/shared package for typed Socket.IO payloads and API DTOs end-to-end. JWT access control enforced on both REST and Socket.IO layers, debounced autosave to PostgreSQL, Vitest unit + integration tests.

*Tech: Node.js · Express · Socket.IO · Prisma · PostgreSQL · React 18 · Vite · Zustand · Vitest · Docker*

### **TARG — AI-Powered Action Planning Platform [github.com/lucabit-dev/targ](https://github.com/lucabit-dev/targ) · 2026**

AI-assisted platform that turns a user's problem, prompt, and evidence into a structured action plan or work guide. Currently in active development.

*Tech: Node.js · TypeScript · LLM APIs · Agentic Workflows · Structured Output Systems*

Other public repos: [github.com/lucabit-dev/TAPP-V2](https://github.com/lucabit-dev/TAPP-V2) (MADELU), [github.com/lucabit-dev/bunzi](https://github.com/lucabit-dev/bunzi) (Bunzi)

## **EDUCATION**

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**ORT Argentina** — Bachelor in Computer Science, Software Development · **UTN** — Diploma in FinTech: AI and Microservices · **Digital House** — Certified Tech Developer · **Escuela de Creativos** — Advertising, PR & Applied Communication (in progress)