

Juan Sarabia

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Senior Software Engineer & Technical Lead

PROFESSIONAL SUMMARY

Senior Software Engineer and Tech Lead with 7+ years building high-traffic platforms end-to-end, with deep focus on backend and distributed system architecture. Strong across the full stack — from React/Next.js interfaces to event-driven microservices, API and BFF design, and the data layer behind them — with production experience in payments, fraud/risk, and billing at e-commerce scale. Fluent in Node.js/NestJS and TypeScript, plus Java (Spring Boot/WebFlux) and Go (Gin), on cloud-native infrastructure across GCP and AWS. I lead teams, set the technical bar, and ship production AI features, from LLM-grounded services to multi-agent engineering workflows. Native Spanish speaker; English at B2 level, improving weekly with daily technical use.

EXPERIENCE

Ripley Chile

Jan 2025 – Present

Software Engineer IV / Technical Lead — Payments, Wallets, Risk & Promotions

Santiago, Chile (Remote)

- Lead technical direction across four product surfaces: Payments Hub (multi-processor integrations, PCI tokenization), Wallets, Eval Risk (real-time fraud scoring), and Promotions, on GCP/GKE with NestJS, PostgreSQL, and Pub/Sub.
- Architected and scaled a Backend-for-Frontend (BFF) layer aggregating 10+ downstream microservices for web and mobile clients, with per-client payload shaping and session orchestration.
- Led the Niubiz v1→v2 migration and TC TBK 2.0 integration, including dynamic CVV handling, VGS tokenization, and 3DS2 authentication, coordinating with Transbank and risk teams.
- Designed exponential backoff and dead-letter strategies for a payment reversal consumer on GCP Pub/Sub, improving reliability under processor failures.
- Built production services in Go (Gin) — an event-driven worker consuming from message queues and a REST API backend — running in production alongside the core NestJS payments stack.
- Drive adoption of AI-assisted engineering across the squad: Claude Code with CLAUDE.md playbooks, custom hooks, subagent configurations, and multi-agent orchestration for code review, refactoring, and design exploration — measurably accelerating delivery and raising code quality.
- Mentor mid-level engineers through code review, design docs, and pairing; drive observability standards (Datadog, ELK) and zero-downtime deploys.

Miss Berni

Jul 2023 – Apr 2024

Chief Technology Officer (CTO) — Independent

Remote

- Launched a SaaS Resume Builder + class-planning platform for Chilean teachers, generating 100,000+ CVs in 6 months.
- Designed full stack on NestJS + Next.js with a BFF aggregating auth, content, and OpenAI services; deployed across GCP and Azure with end-to-end observability.
- Defined technical roadmap, hiring bar, and engineering standards; led a multidisciplinary agile team across product, design, and engineering.

Ripley Chile

Nov 2021 – Dec 2024

Software Engineer III — Payments & Risk

Santiago, Chile

- Built and scaled the Payments Hub: multi-processor integrations (Webpay, Transbank, Niubiz), agnostic vault tokenization, and PCI compliance across high-traffic e-commerce flows.
- Co-designed Eval Risk, an event-driven real-time fraud-scoring service integrating Cybersource and internal blacklists, processing transactions at e-commerce scale.
- Contributed to architecture, testing, and CI/CD practices; raised observability and reliability standards across the payments stack.

Clever IT

Jan 2021 – Nov 2021

Senior Full Stack Developer

Remote

- Built reactive backend services in Java with Spring Boot and Spring WebFlux for high-throughput enterprise integrations, with PostgreSQL/MySQL and MongoDB.
- Developed .NET microservices and APIs as part of polyglot backend ecosystems for enterprise clients.

- Deployed and operated workloads on GCP (GKE, Cloud Run, Pub/Sub); this hands-on cloud experience led to obtaining the Google Cloud Professional Cloud Architect certification in 2022.
- Improved production stability, observability, and API performance across multiple client engagements.

Everis (NTT Data)

Apr 2019 – Jan 2021

Software Developer

Temuco, Chile

- Developed and maintained enterprise applications in Java/Spring Boot and .NET/C#, combining legacy modernization with new feature and integration work for production systems.
- Designed and optimized SQL data layers (Oracle, PostgreSQL, MySQL) supporting business-critical workflows, ensuring stability and continuity.
- Built the early backend and JVM foundation later applied at scale in fintech and high-traffic e-commerce.

SIDE PROJECTS — FEEL CODING SPA

Founder, feel-coding.com

Numonic | AWS (SES, SNS, SQS, Lambda), Node.js, Slack API, Stripe

2026

- Email deliverability intelligence SaaS — sits beside customer ESPs (SES, Resend, Postmark, SendGrid, Mailgun) and external signals (DMARC, Google Postmaster, DNSBL) to surface structured, actionable incidents. Slack-first developer interface.
- Own the SES Adapter: cross-account SNS → SQS event ingestion, multi-tenant routing layer, and 1-path onboarding wizard — the load-bearing pipeline feeding the entire detection engine.
- Stripe subscription billing with free tier and paid plans; LLM-enriched remediation with provider abstraction (Claude/GPT/Bedrock-swappable).

STNDY | Next.js, NestJS, MongoDB, NextAuth v5, Tailwind v4, Cloundinary

2024 – Present

- Digital micro-store SaaS for informal LATAM sellers (WhatsApp/QR/Instagram). Built end-to-end subscription system: plan management, recurring billing, trials, upgrades, downgrades, and cancellations.
- Mobile-first atomic design system; AI-assisted engineering workflow with Claude Code (CLAUDE.md, subagents, multi-agent orchestration).

EDUCATION & CERTIFICATIONS

Universidad Católica de Temuco

2015 – 2017

Technical Degree in Networks and Telecommunications

Temuco, Chile

Google Cloud Platform

2022

Professional Cloud Architect Certification

Online

SKILLS

Languages: TypeScript, JavaScript, Go (Gin), Java (Spring Boot, Spring WebFlux), .NET / C#, Python (FastAPI), Elixir

Familiarity: Kotlin (learning), React Native (personal projects)

Frontend: React, Next.js, Tailwind, Angular

Backend: NestJS, Express, Spring WebFlux, BFF patterns, REST, GraphQL

Architecture: Microservices, Event-driven (Kafka, RabbitMQ, GCP Pub/Sub, AWS SNS/SQS), Distributed Systems, PCI-compliant Tokenization, Subscription & Billing systems

Cloud & DevOps: GCP (GKE, Pub/Sub, BigQuery, Cloud Run), AWS (SES, SNS, SQS, Lambda), Azure, Docker, Kubernetes, CI/CD

Databases: PostgreSQL, MongoDB, MySQL, BigQuery, BigTable, Redis

Observability: Datadog, ELK Stack, APM, structured logging

AI Engineering: Claude Code (CLAUDE.md, hooks, multi-agent orchestration, subagents, RIPER workflow), OpenAI API integrations, LLM provider abstraction, AI-assisted code review and refactoring at team scale

Leadership: Tech Lead, mentoring, design reviews, technical hiring, cross-functional collaboration with Product and Data

Languages (spoken): Spanish (Native), English (B2 — weekly classes, daily technical use)