

Alick Buscariolli

Senior Full Stack Engineer | React, TypeScript & Node

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PROFILE

Full stack engineer who designs and ships production **React, TypeScript and Node** systems end to end, from database schema to deployed interface. **8 years** delivering commercially. Sole engineer on a live multi-tenant platform serving **1,300 registered users and 130 daily actives** (August 2026) across a NestJS API, six front ends and an 88-model Postgres schema.

Ships **AI into production**, not just alongside it: schema-driven LLM extraction with forced tool-use for guaranteed-valid structured output, wired into live product surfaces. Runs an AI-native engineering practice on Claude Code, governed by enforced repository guardrails, automated verification and multi-environment promotion gates.

CORE SKILLS

Languages TypeScript · JavaScript (ES2023) · Dart · SQL · Node.js 22

Front end React 19 · Next.js 16 App Router · React Server Components · Tailwind v4 · shadcn/ui · Radix · Framer Motion · next-intl · CSS Modules

Back end NestJS 11 · Express 5 · REST · OpenAPI · Zod · class-validator · webhooks · cron & queues

Data PostgreSQL · Prisma · Drizzle · Neon · Redis (Upstash) · BigQuery · Firestore · migrations

AI & Agentic Engineering Anthropic SDK · agentic tool-use loops · forced-tool structured output · Claude Code (skills, hooks, subagents, orchestration) · Cursor · AI code-review gates · prompt & context engineering

Platform Vercel · Turborepo · pnpm workspaces · GitHub Actions · Stripe & Stripe Connect · Clerk · Firebase Auth · Resend · Sentry · Google Cloud Vision

Quality Jest · Playwright E2E · TypeScript strict · ESLint · i18n parity validation · multi-environment promotion gates

Also Flutter & Dart (7 years) · React Native · Ionic

FOUNDER & TECHNICAL LEADERSHIP

Concurrent with the salaried role below. Nyvo is a co-founded venture where I hold the sole engineering remit.

Technical Co-founder — Nyvo · nyvo.com.au

Apr 2026 – Present · Sydney, Australia

Multi-tenant community platform for immigrants settling in Australia. Live on both app stores and the web, **1,300 registered users and 130 daily actives** as at August 2026.

- **Sole engineer** on a Turborepo monorepo of eight applications and five shared packages: a **NestJS 11 API** with 50+ feature modules, five **Next.js 16** front ends (admin, marketing, partner portal, web app, organiser) and two Flutter clients. ~1,950 TypeScript files, 3,295 commits in under four months.
- Designed an **88-model Postgres schema** with Prisma, covering events and ticketing, chat, social feed, jobs, housing, business directory, moderation, referrals, guest lists, polls and audit logging, with idempotent migrations across three environments.
- Built payments on **Stripe Connect Express**: platform-fee event ticketing and a recurring partner plan, with webhook reconciliation and guarded refund paths.
- Shipped **15 locales including RTL** with a single source of truth for the locale contract shared across next-intl, the API validation layer and the Flutter clients, plus an automated key and ICU-placeholder parity check that fails the build on drift.
- Generated a **typed OpenAPI client** consumed by every front end, so a contract change surfaces as a compile error rather than a runtime bug. Hardened with Redis rate limiting, Helmet, Cloud Vision moderation, Sentry and structured Pino logging.
- Engineered production **LLM extraction**: a schema-driven completion service using forced tool-use for guaranteed-valid JSON, cost-tiered model selection, bounded timeouts and graceful degradation to manual entry when unconfigured. Powers admin content creation and inbound listing ingestion from Telegram and WhatsApp.
- Built the **engineering practice, not just the product**: 54 Playwright E2E specs, dev/staging/production promotion gates, and Claude Code repository hooks that mechanically block pushes to protected branches, dependency footguns and untranslated copy before they reach review.

Co-founder — NavRide · navride.com.au

Sep 2023 – Aug 2026 · Sydney, Australia

- Co-founded an in-ride advertising and entertainment startup, building both the in-car tablet app and the passenger mobile app from scratch.

Founder, Flutter Dicas — educational platform for Brazilian developers. 60+ hours of published content and 200+ students across Udemy and Hotmart, including a 10-hour module on Clean Architecture and TDD.

EXPERIENCE

Flutter Developer — StepInsight

Apr 2024 – Present · Sydney, Australia

- Own client mobile products end to end across architecture, delivery and release: built **Arkhival** (Riverpod MVVM, go_router, Dio, resumable chunked uploads, Mux video, RevenueCat, deep links) and delivered **SoberMate** from empty repository to release by directing AI coding agents through implementation and test scaffolding.
- Maintain **six production apps** concurrently, running full release cycles to the App Store and Play Store.

Referee: Eduardo, StepInsight. Contact details on request.

Flutter & React Developer — uPaged

Apr 2023 – May 2024 · Sydney, Australia

- Delivered a healthcare marketplace matching clinicians to shifts across **three codebases at once**: **React** on the web, **React Native** on mobile and Flutter for the hospital staff app, covering shift scheduling, staff management, ratings and secure authentication.
- **Mentored two junior developers** while remaining hands-on, running code review and pairing.

Referee: Ben, uPaged. Contact details on request.

Flutter Developer — 12WBT

Sep 2019 – Mar 2023 · Sydney, Australia

- Built the 12WBT app and designed a custom architecture that reduced long-term maintenance cost on a multi-year consumer product with a large subscriber base.
- Delivered subscriptions, Chromecast, push notifications, authentication, test coverage and CI/CD, plus a **white-label build** serving multiple branded deployments from one codebase.

Referee: Michelle Bridges, 12WBT. Contact details on request.

Front End Developer — Digiground

Dec 2018 – Oct 2019 · Sydney, Australia

- Delivered cross-platform mobile and web apps for commercial clients using Ionic, Angular and TypeScript.

Earlier — Mobecom, **MEAN stack** (MongoDB, Express, Angular, Node) and mobile intern (2018) · Baassoft, front end web and mobile in JavaScript (2015–2016), Brazil.

EDUCATION

Bachelor of Information Technology (Mobile Apps) — Academy of Interactive Technology, Sydney · 2017–2019

Postgraduate, Industry Automation — USP Polytechnic, Brazil · 2015–2016

Bachelor of Electrical Engineering (Computer) — FEI, Brazil · 2010–2015