

Alick Buscariolli

Senior Mobile Engineer | Flutter & Dart

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PROFILE

Senior mobile engineer with **7 years shipping Flutter apps** to the App Store and Play Store across health, fitness, community and logistics. Clean Architecture and TDD by default, owning apps end to end: architecture, delivery, release pipeline and production support. Also teaches it: **60+ hours** of published Flutter and Dart content and **200+ students**.

Currently shipping **Nyvo**, a live 15-locale community platform on both stores with **1,300 registered users and 130 daily actives** (August 2026), built as sole engineer across three Flutter apps and five web services. Runs an AI-native engineering practice: agentic development with Claude Code governed by enforced repository guardrails, automated verification and multi-environment promotion gates.

CORE SKILLS

Mobile Flutter · Dart · iOS & Android release · React Native · Ionic

State & Architecture Riverpod · BLoC · GetX · Provider · MobX · Clean Architecture · MVVM · SOLID · TDD

Testing & Quality Unit · Widget · Integration · E2E · very_good_analysis · Sentry · Bugsnag

Platform go_router · Dio + Retrofit · Freezed · Firebase (Auth, FCM, Firestore, Analytics) · Google Maps · Stripe · RevenueCat · Mux · deep links · push · offline cache

Delivery Codemagic · Fastlane · GitHub Actions · TestFlight · Play Console · multi-flavour builds · white-label · staged rollout · forced-update gating

AI & Agentic Engineering Claude Code (skills, hooks, subagents, orchestration) · Cursor · Anthropic SDK tool-use · schema-driven LLM extraction · AI code-review gates

Also TypeScript · NestJS · Next.js · React · Prisma · Postgres

EXPERIENCE

Flutter Developer — StepInsight

Apr 2024 – Present · Sydney, Australia

- Built the Flutter client for **Arkhival**, a family memory app on iOS and Android, owning the implementation from architecture outward: Riverpod MVVM, go_router, a Dio networking layer, reorderable album grids, rich-text story creation, **resumable chunked media uploads**, Mux video streaming, RevenueCat subscriptions, QR guest invites with deep links and a forced-update gate. ~160 Dart files across multi-environment config.
- Delivered **SoberMate** from an empty repository to release, directing AI coding agents (Cursor, Claude) through architecture, implementation and test scaffolding to compress delivery without loosening the Clean Architecture boundaries.
- Maintained and extended **six production apps** concurrently (CUB, SimpleFood, Prolete, PupCare, myVal, BOA), shipping features and running full release cycles to both stores.
- Build **Somnivet**, veterinary anaesthesia software: the clinical app in **Flutter for web**, and its master admin and hospital admin consoles in **Angular**.

Referee: Eduardo, StepInsight. Contact details on request.

Flutter & React Developer — uPaged

Apr 2023 – May 2024 · Sydney, Australia

- Led development of a **hospital administration app** used by hospitals to roster and manage nursing staff, covering scheduling, staff management and secure authentication.
- Mentored two junior developers** while remaining hands-on in the codebase, running code review and pairing.

Referee: Ben, uPaged. Contact details on request.

Flutter Developer — 12WBT

Sep 2019 – Mar 2023 · Sydney, Australia

- Built the **12WBT Flutter app** and designed a custom architecture that measurably reduced long-term maintenance cost across a multi-year product.
- Shipped RevenueCat subscriptions, **Chromecast integration**, local push notifications, authentication, unit and widget test coverage, and CI/CD via Codemagic.

- Delivered a **white-label nutrition app** supporting customisable meal plans, using multi-flavour builds so a single codebase served multiple branded deployments.
- Worked in **React** on the 12WBT web app alongside the Flutter build.

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

Front End Developer — Digiground

Dec 2018 – Oct 2019 · Sydney, Australia

- Delivered cross-platform mobile apps in Ionic for commercial clients, driving its early adoption in the agency's project work.

Referee: John, Digiground. Contact details on request.

Earlier — Mobecom, MEAN stack and mobile intern (2018) · Baassoft, front end web and mobile (2015–2016), Brazil.

FOUNDER & TECHNICAL LEADERSHIP

Concurrent with the above. 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

Community platform for immigrants settling in Australia. **Live on the App Store and Play Store**, 1,300 registered users and 130 daily actives as at August 2026, from a standing start in 2.5 months of release.

- Sole engineer across **eight applications**: three Flutter apps (consumer, admin companion and partner, ~2,240 Dart files) and five TypeScript services, owned from first commit to store release.
- Consumer app spans events and ticketing, chat, feed, jobs, housing, business directory, maps with clustering, moderation, referrals and onboarding, in **15 locales including RTL**, with a hand-synced locale contract between Dart and the backend.
- Realtime 1:1 chat designed to **degrade safely**: Firestore carries only a per-conversation change signal while Postgres stays authoritative, so the app remains fully functional on REST and FCM alone if the relay fails.
- Native depth where it earns its place: FCM push with badge counts, QR ticketing with forced screen brightness for door scanners, in-app store review under OS quota, geolocation, image capture and crop, deep links, and IANA timezone reporting for locale-correct scheduled push.
- Ships through **dev, staging and production flavours** with automated TestFlight and Play internal-testing delivery, a forced-update gate and Sentry.
- Runs an **AI-native engineering practice** I designed: Claude Code with custom skills and repository hooks that mechanically block unsafe pushes, dependency footguns and translation-key drift, plus AI code review gated before merge. 3,900 commits across the platform in four months.

Co-founder — NavRide · navride.com.au

Sep 2023 – Aug 2026 · Sydney, Australia

- Built **both the in-car tablet app and the passenger mobile app from scratch in Flutter**, delivering in-ride interactive experiences and advertising to rideshare passengers.

Carvan — freelance. Truck-aware navigation on HERE Maps, routing around vehicle height, width, weight and trailer dimensions so a driver is never sent under a bridge that will not clear.

Stage of Music — co-founder. Concert discovery connecting people with bands, venues and live music, built in Flutter on Clean Architecture. MVP ~85% complete.

Founder, Flutter Dicas (2020 – Present) — educational platform for Brazilian developers. **60+ hours** of Flutter and Dart content and **200+ students** across Udemy and Hotmart, including a 10-hour module on Clean Architecture and TDD.

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